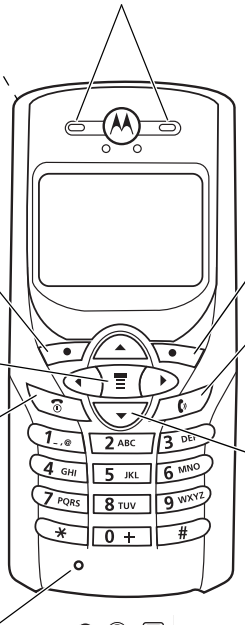
C350.RG.book Page 1 Thursday, February 6, 2003 2:12 PM

Welcome


Internal Antenna
Earpiece
Left Soft Key
Perform functions identified by left display prompt.
Menu Key
Open a menu when you see in the display.
Power/End Key
Press & hold to power phone on & off.
Press & release to end phone calls, exit menu system.
Right Soft Key
Perform functions identified by right display prompt.
Send/Answer Key
Make and answer calls; press in idle to see recent dialed calls.
Navigation Keys
Scroll through lists, set volume.
USB Connector Port
Insert data cable.
Microphone
Headset Connector Port
Power Connector Port
Insert charger.

Your C350 phone lets you change covers and keypads (see page 23). Your phone may not appear exactly as the phone image above.

Note that all key locations, sequences and functions remain the same with any of the various covers.

Personal Communications Sector
852-25063888 (HK)

www.motorola.com.hk (HK)

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners.

© Motorola, Inc. 2002.

Software Copyright Notice

The Motorola products described in this manual may include copyrighted Motorola and third party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in the Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of the Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents, or patent applications of Motorola or any third party software provider, except for the normal, non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

C350.RG.book Page 3 Thursday, February 6, 2003 2:12 PM

Menu Map

Main Menu

- **Voice Dial**
- **Recent Calls**
  - Received Calls
  - Dialed Calls
  - Notepad
  - Call Times
  - Call Cost
  - Data Times
  - Data Volumes
- **Chat ***
- **Media Center**
  - Theme
  - My Tones
  - MotoMixer
  - Picture Viewer
- **Ring Styles**
  - Alert
  - *Alert* Detail
  - My Tones
- **Games**
- **WebAccess**
  - Web Browser
  - Bookmarks
  - Stored Pages
  - History
  - Go to URL
  - Browser Setup
- **Browser ***
- **Office Tools**
  - Datebook
  - Calculator
- **More**
  (go to following menu items)
- **Settings**
  (see next page)
- **Phonebook**
- **Web Sessions ***
- **MyMenu**
- **Messages ***
  - New Message
  - Voicemail
  - Text Msgs
  - Browser Msgs
  - Info Services
  - Quick Notes
  - Outbox
  - Drafts
- **SIM Applications ***
- **Fixed Dial ***
- **Service Dial ***
- **Quick Dial ***

Note: Select **More** when it appears in the menu to see additional menu items.

Note: This is the standard phone menu layout. Your service provider may change the layout, or feature names. To change the layout yourself, see page 98. Not all features may be available for all users.

***** Optional network, SIM card, or subscription-dependent features

Settings Menu

- **Call Divert ***
  - Voice Calls
  - Fax Calls
  - Data Calls
  - Cancel All
  - Divert Status
- **Phone Status**
  - My Tel. Numbers *
  - Credit Info/Available *
  - Active Line *
  - Battery Meter
- **In-Call Setup**
  - In-Call Timer
  - Call Cost Setup *
  - My Caller ID
  - Talk and Fax *
  - Answer Options
  - Call Waiting *
- **Security**
  - Phone Lock
  - Lock Keypad
  - Lock Application
  - Fixed Dial
  - Call Barring *
  - SIM PIN
  - New Passwords
- **Other Settings**
  - Personalize
    - Main Menu
    - Keys
    - Color Style
    - Greeting *
    - Wallpaper
    - Screen Saver
    - Quick Dial *
  - Initial Setup
    - Time and Date
    - 1-Touch Dial
    - Backlight
    - Scroll
    - Animation
    - Language
    - Battery Save
    - Contrast
    - DTMF
    - Master Reset
    - Master Clear
  - Network
  - Car Settings
  - Headset

Note: Not all features may be available for all users.

* Optional network, SIM card, or subscription-dependent features

Shortcuts

Following are some useful shortcuts. To create your own MyMenu shortcuts, see page 101.

Task	Shortcut
Lock/unlock keypad	Press MENU *
Change ringer alert	Press navigation left (at lowest volume setting) to switch to vibrate alert, then silent alert. Press right to reset ring alert.
Display my phone number	Press MENU # in idle (number must be stored on SIM card)
Go to dialed calls list	Press SEND in idle
Exit menu system	Press END
Open phonebook	Press navigation down in idle
Create phonebook entry	Press navigation up in idle

C350.RG.book Page 6 Thursday, February 6, 2003 2:12 PM

Contents

Menu Map 3
Shortcuts 5
Safety and General Information 10
Getting Started 16
What's in the Box? 16
About This Guide 16
Installing the Battery 16
Charging the Battery 18
Battery Use 19
Changing Your SIM Card 20
Changing Your Phone's Cover 23
Resetting Your Phone 25
Turning Your Phone On 26
Adjusting the Volume 27
Making and Answering Calls 27
Changing the Call Alert 29
Viewing Your Phone Number 29
Using Your Phone 30
Using the Display 30
Using the Menu 33
Entering Text 36
Setting Up Your Phone 46
Calling Features 53
Displaying Your Phone Number 53
Redialing a Number 54
Using Caller ID 54
Terminating an Incoming Call 55
Dialing an Emergency Number 55

Dialing International Numbers 56
Inserting Special Characters into Dialing Sequences . . 56
Viewing the Received Calls or Dialed Calls List 57
Returning an Unanswered Call 59
Entering Numbers in the Notepad 60
Attaching a Number 61
Using Voicemail 61
Speed Dialing 63
One-Touch Dialing 64
Quick Dialing 64
Using Call Waiting 65
Forwarding a Call 66
Linking Calls 68
Transferring a Call 69
Barring a Call 71
Putting a Call on Hold 72
Messages 73
Setting Up the Text Message Inbox 73
Sending Messages, Pictures, and Ring Tones 75
Viewing Message Status 77
Receiving a Text Message 77
Reading, Locking, or Deleting a Text Message 78
Using Chat 80
Phonebook 85
Viewing Entry Details 85
Storing a Phonebook Entry 86
Recording a Voice Name For a Phonebook Entry 90
Dialing a Phonebook Entry 91
Editing a Phonebook Entry 92
Sorting Phonebook Entries 93
Copying Phonebook Entries 93
Checking Phonebook Capacity 97

Customizing Your Phone Settings 98
Reordering the Main Menu 98
Reordering the Message Center Menu 99
Redefining Soft Keys 99
Selecting a Different Language 100
Activating Ringer IDs 100
Using Shortcuts 101
MyMobilesoft.com 103
Setting a Wallpaper Image 104
Setting a Screen Saver 105
Getting More Out of Your Phone 106
Dialing Options 106
Managing Your Calls 107
Monitoring Phone Use 108
Network Features 112
Security 117
Locking and Unlocking Your Phone 117
Changing Your Unlock Code 118
Locking and Unlocking the Keypad 121
Protecting the SIM Card 121
Personal Organizer Features 124
Datebook 124
Alarm Reminders 129
Calculator 130
News and Entertainment 133
Mobile Internet 133
Phone Themes 135
Picture Viewer 137
Games 138
MotoMixer Sound Editor 143
Creating Alert Tones 146

SIM Applications 152
Troubleshooting 153
Specific Absorption Rate Data 162
Index. 164

C350.RG.book Page 10 Thursday, February 6, 2003 2:12 PM

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information contained in user guides published prior to July 2000. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Operational Characteristics

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency ranges of 880 MHz to 915 MHz and 1710 MHz to 1785 MHz in digital mode.

When you communicate with your phone, the system handling your call controls the power levels at which your phone transmits. The output power level typically may vary over a range from 0.0 watts to 1.7 watts in digital mode for the 900 MHz band, and 0.0 watts to 1.0 watts in digital mode for the 1800 MHz band.

Exposure To Radio Frequency Energy

Your Motorola phone is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy:

- United States Federal Communications Commission, Code of Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation-Human Exposure) Standard 1999

To assure optimal phone performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Phone Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Do NOT hold the antenna when the phone is in use. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone. **Speak directly into the microphone.**

Body-Worn Operation

To maintain compliance with FCC/Health Canada RF exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this product. Use of non-Motorola-approved accessories may exceed FCC/Health Canada RF exposure guidelines. If you do not use one of the Motorola-supplied or approved body-worn accessories, and are not using the phone held in the normal use position, **ensure the phone and its antenna are at least one inch (2.5 centimeters) from your body when transmitting.**

Data Operation

When using any data feature of the phone, with or without an accessory cable, **position the phone and its antenna at least one inch (2.5 centimeters) from your body.**

Approved Accessories

For a list of approved Motorola accessories, visit our website at www.mot.com.

Electromagnetic Interference/ Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Advanced Medical Technology Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, the United States Food and Drug Administration.

Persons with pacemakers should:

- ALWAYS keep the phone more than six inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- use the ear opposite the pacemaker to minimize the potential for interference.
- turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Safety and General Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- give full attention to driving and to the road.
- use hands-free operation, if available.
- pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a portable phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless the phone is a model specifically identified as being "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Operational Cautions

Antennas

Do not use any portable phone that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Getting Started

What's in the Box?

Your digital wireless phone typically comes equipped with a battery and a charger. Other accessory options can customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, please contact the Motorola Customer Call Center at 852-25063888 in HK.

About This Guide

Optional Features

Features marked with this label are optional network, SIM card, and/or subscription-dependent features. These features may not be offered by all service providers in all geographical areas. Contact your service provider for information about availability.

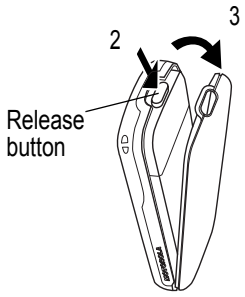
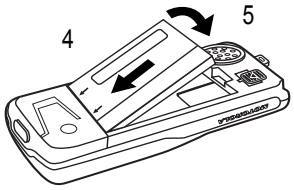
Optional Accessories

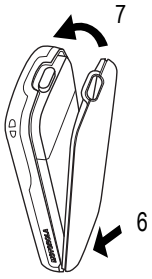
Features marked with this label require the use of an optional Motorola Original™ accessory.

Installing the Battery

You must install and charge the battery to use your phone.

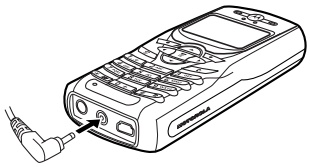
Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Do This	
1 Remove the battery from its protective clear plastic case, if necessary.	
2 Press down on the cover release button at the top of your phone. **3** Pull the top of the phone's back cover to release it.	
4 Insert the battery with printed arrows and two tabs at the top of the battery compartment. **5** Push down until the battery is inserted at the bottom.	

Do This	
6 Insert the bottom of the back cover.	
7 Press the top of the back cover down until it hooks over the cover release button.	

Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery, as indicated by the following instructions. Some batteries perform best after several full charge/discharge cycles.

Do This	
1 Plug the travel charger into the middle jack on the bottom of your phone.	
2 Plug the other end of the travel charger into the appropriate electrical outlet.	
3 When your phone indicates that the battery is fully charged (**Charge Complete**), remove the travel charger.	

Caution: If the battery is fully discharged, your phone may not display **Charging** for up to one minute after inserting the charger. **Do not** attempt to force the charger further in if you do not see an immediate response.

Note: When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. See page 31.

Battery Use

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer initial charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

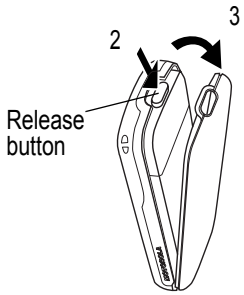
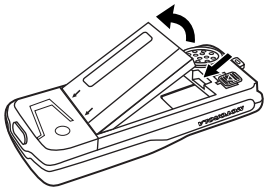
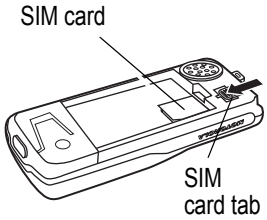
The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

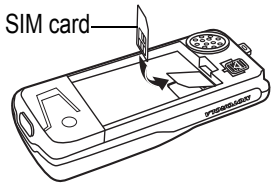
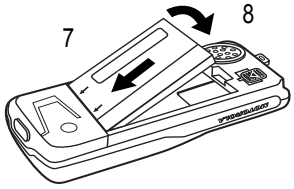
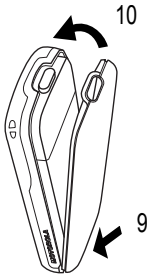
Changing Your SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It must be installed in the base of the phone.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Note: Since your phone lets you change covers and keypads, it may not appear exactly as the phone pictured. All key locations, sequences, and functions remain the same with any of the various covers.

Do This	
1 Press down on the cover release button at the top of your phone. **2** Pull the top of the phone's back cover to release it.	
3 Lift out the battery from the base of the phone.	
4 Slide the plastic SIM card tab forward to unlock the SIM. **5** Lift out the old SIM card, if necessary.	

Do This	
6 Slide in the new SIM card in the holder with the cut corner on the upper left and the gold plate facing down.	
7 Insert the battery with printed arrows and two tabs at the top of the battery compartment. **8** Push down until the battery is inserted at the bottom.	
9 Insert the bottom of the back cover. **10** Press the top of the back cover down until it hooks over the cover release button.	

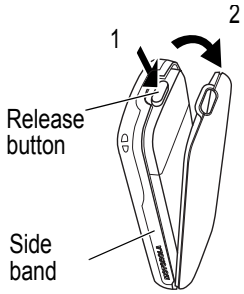
Changing Your Phone's Cover

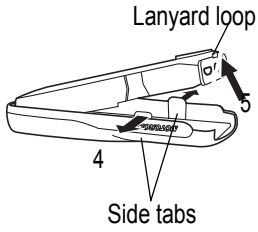
Always use Motorola Original™ covers. The phone warranty does not cover damage caused from using non-Motorola accessories.

Your phone uses a convertible cover, keypad, and (in some cases) side band that you may replace to completely change its appearance.

Note: Since your phone lets you change covers and keypads, it may not appear exactly as the phone pictured. All key locations, sequences, and functions remain the same with any of the various covers.

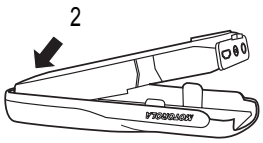
Remove Cover and Keypad

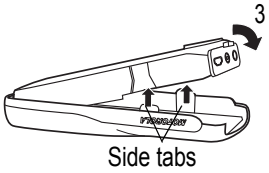
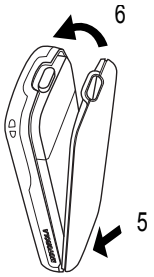
Do This	
1 Press down on the cover release button at the top of your phone. **2** Pull the top of the phone's back cover to release it. **3** If your cover has a removable side band, remove it now.	

Do This	
4 Pull the side tabs away from the phone. **5** Lift up on the lanyard loop to pull the phone out of the front cover.	

Always use the keypad and side band (if applicable) that matches the new cover.

Install Cover and Keypad

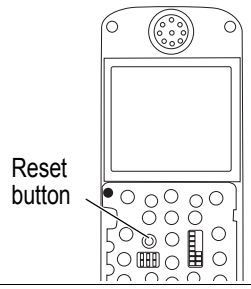
Do This	
1 If your phone has an end cap, install it before attaching the front cover. **2** Slide the top of the phone into the top of the new front cover.	

Do This	
3 Press the bottom of the phone into the front cover until the side tabs snap into place. **4** If your cover has a removable side band, attach it now.	 Side tabs
5 Insert the bottom of the back cover. **6** Press the top of the back cover down until it hooks over the cover release button.	

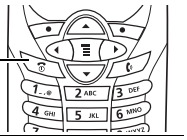
Resetting Your Phone

If your phone becomes frozen on a single display, error message, or power up, reset your phone as follows:

Do This
1 Remove your phone's back and front cover as described on page 20.

Do This	
2 Use a small object to press the Reset button on the front of your phone. Your phone display should be restored.	
3 Replace your phone's cover.	

Turning Your Phone On

Do This	
1 Press and hold (the End/ Power key).	
2 If necessary, enter your SIM card PIN code and press **OK** ( ) to unlock your SIM card. **Note:** If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays the message **SIM Blocked**. (For more information, see page 121.)	
3 If necessary, enter your four-digit unlock code and press **OK** ( ) to unlock your phone. **Note:** The unlock code is originally set to 1234. (For more information, see page 117.)	

Note: At startup, you are given the option to personalize your phone. Select **YES** (⊡) to set personal phone options, or **NO** (⊡) to go to the idle display. For more information, see page 98.

Adjusting the Volume

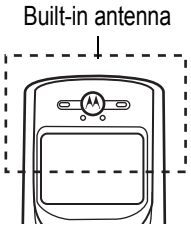
You can adjust your phone's earpiece and ring tone volume by pressing ⊕ left and right.

When	You Can Adjust
you are in a call	earpiece speaker volume
the display is idle	ring tone volume

Making and Answering Calls

This section summarizes the most basic calling features. For more features, see page 53.

Making a Call



There is a built-in antenna in the top of your phone. Do not block the antenna while you are on a call.

To call a number, your phone must:

- be turned on and unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength

Do This	
1	Enter the number with the keypad keys (up to 40 digits). **Note:** If you make a mistake, press **DELETE** (⌐•¬) to delete the last digit, or press and hold **DELETE** (⌐•¬) to clear all digits.
2	Press ⌐ (send key) to make the call.
3	Press ¬ (end key) when the call is done.

Note: You can make an emergency call even when the phone is locked, or when a SIM card is not inserted. See page 55.

Answering a Call

To answer a call, your phone must:

- be turned on and unlocked
- have a SIM card inserted and unlocked
- have a network connection with adequate signal strength

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Do This	
1	Press ⌐ or **ANSWER** (⌐•¬)
2	Press ¬ (end key) when the call is done.

Changing the Call Alert

- Press left to switch the alert for incoming calls and other events to vibrate, then silent.
- Press right to reset your phone to ring alert.

Viewing Your Phone Number

To view your phone number from the idle display, press ☰ #.

While you are on a call, press ☰ > **My Tel. Numbers**.

Note: Your phone number must be stored on your SIM card to use this feature. If you do not know your phone number, contact your service provider.

Using Your Phone

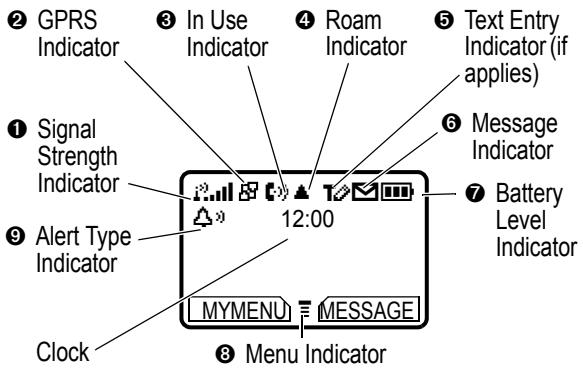
See page 1 for a diagram of basic phone components.

Using the Display

The top section of the display shows phone status indicators. The following illustration shows some of the common indicators that you may see at the top of the display when using your phone.

Messages, phone numbers, and menu options appear in the middle of the display. Text labels at the bottom corners of the display show the current soft key functions. A ☰ (menu) indicator in the bottom center of the display indicates that you can open the main menu or a feature sub-menu to see more options. For more information about the soft key and menu key labels, see page 33.

Some of the phone functions described in this guide must be performed from the idle display. The term *idle display* refers to the standard display that you see when your phone is on and ready to use, when you are *not* on a call or using the menu system.



❶ Signal Strength Indicator Shows the strength of your phone's connection with the network.

Strong No signal

You cannot make or answer calls when the "no signal" indicator is displayed.

❷ GPRS Indicator Indicates that your phone is using a high-speed GPRS network connection ( ). GPRS allows faster data transfer speeds. The indicator does not mean that you are in a call; only that you are registered on the network via a GPRS connection. Other indicators can include:

= GPRS PDP context active

= GPRS packet data available

❸ In Use Indicator Indicates when a call is in progress, and when you have a secure ( ) or unsecure ( ) connection.

❹ Roam Indicator Appears when your phone uses another network system outside your home network. When you leave your home network area, your phone *roams* or seeks another network. Icons here can also indicate your text entry mode (alpha, numeric, symbol, etc.)

❺ Text Entry Indicator Indicates your Text Entry Method whenever you are in a text editor (Tap, iTap, etc.). See page 36.

❻ Message Indicator Indicates when you have an active Chat session, or when you have a new voice or text message waiting.

❼ Battery Level Indicator Shows the amount of charge left in your battery. The more bars visible, the greater the charge.

High Low

Recharge your battery when you see the **Low Battery** warning message and hear the low battery alert.

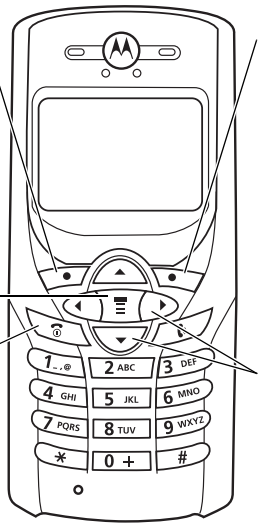
❽ Menu Indicator Indicates that you can press to open a menu. See page 33.

❾ Alert Type Indicator Shows the current selected alert profile. The default alert setting is loud ring.

= loud ring = soft ring
= vibrate = vibrate and ring
= silent

Using the Menu

You can access many of your phone's features by using these keys to move through the menu system:


Left Soft Key
Perform functions identified by left display prompt.
Menu Key
Enter menu system or open a sub-menu.
Power/End Key
Press & hold to power phone on & off. Press & release to end phone calls, exit menus.
Right Soft Key
Perform functions identified by right display prompt.
Navigation Keys
Scroll through menus and lists, set feature values.

From the idle display, press ⊡ to enter the main menu. Press ⊕ to scroll through menu features in the main menu.

Navigating to a Feature

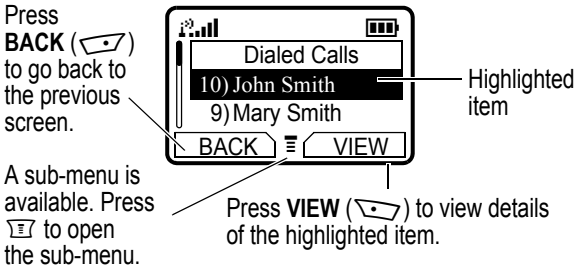
This guide shows how to navigate to a menu feature as follows:

Find the Feature ⊡ **> Recent Calls**
> Dialed Calls

The > symbol means that you should scroll to and select the feature. This example shows that you should press ⊡, scroll to and select **Recent Calls**, then scroll to and select **Dialed Calls** to see the dialed calls list.

Selecting a Feature

Some features require you to select an item from a list:


Press **BACK** ( ) to go back to the previous screen.
Dialed Calls
10) John Smith
9) Mary Smith
BACK
VIEW
Highlighted item
A sub-menu is available. Press ⊡ to open the sub-menu.
Press **VIEW** ( ) to view details of the highlighted item.

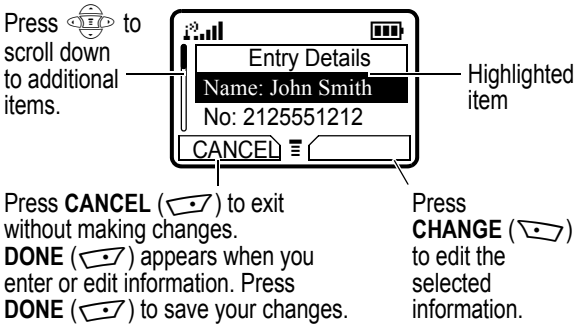
Select an item by highlighting it using one of these approaches:

- Press ⊡ to scroll up or down to the item you want.
- In a numbered list, press a number key to highlight the item.

- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.

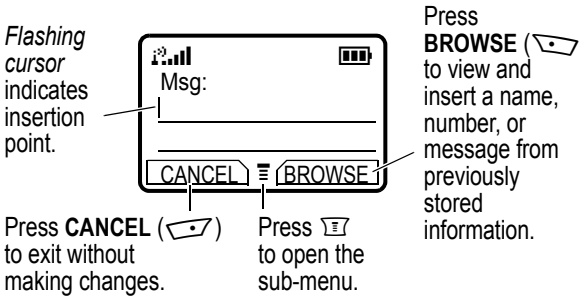
Entering Feature Information

Features such as the phonebook and datebook require you to enter information to fill in an entry's details:

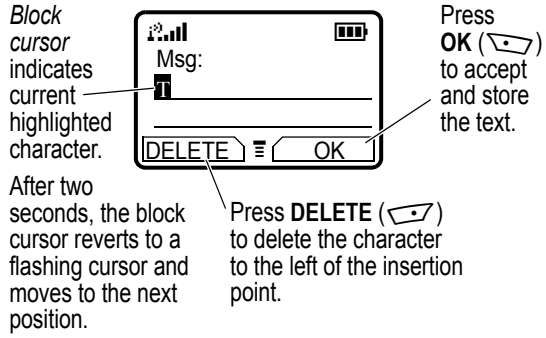

Press to scroll down to additional items.
Entry Details
Name: John Smith
No: 2125551212
CANCEL
Highlighted item
Press **CANCEL** ( ) to exit without making changes. **DONE** ( ) appears when you enter or edit information. Press **DONE** ( ) to save your changes.
Press **CHANGE** ( ) to edit the selected information.

- Enter numbers or text with the keypad.
- When an item has a list of possible values, press to scroll left or to scroll right, and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and then decide that you do not want to save your changes, press to exit without saving.

The message center lets you compose and send text messages. A *flashing cursor* shows where the text will appear:


Flashing cursor indicates insertion point.
Msg:
CANCEL
BROWSE
Press **BROWSE** ( ) to view and insert a name, number, or message from previously stored information.
Press **CANCEL** ( ) to exit without making changes.
Press to open the sub-menu.

When you enter text, the flashing cursor changes to a *block cursor*, and the soft key functions change


Block cursor indicates current highlighted character.
Msg:
T
DELETE
OK
Press **OK** ( ) to accept and store the text.
After two seconds, the block cursor reverts to a flashing cursor and moves to the next position.
Press **DELETE** ( ) to delete the character to the left of the insertion point.

Entering Text

Various text entry methods make it easy for you to enter names, numbers, and text messages on your phone.

Choosing a Text Mode

To activate a text mode, press ⊡ > **Entry Method** from any text entry screen and select the text mode:

iTAP	Let the phone predict each word as you enter it, then choose the word from a list (see page 42).
Tap Method	Enter characters one at a time by pressing the key for the letter, number, or symbol (see below). This is the standard mode for entering text on your phone.
Numeric	Enter numbers only.
Symbol	Enter symbols only (see page 41).
Browse	Browse through your phonebook and recent calls lists to select a name or number to enter.

Note: The text mode you select remains active until you change it by selecting another mode.

Using Tap Method

Tap method is the default standard mode for entering text on your phone.

To activate tap method from any text entry screen, press ⊡ and select the **Tap Method** menu option.

To enter text using the tap method:

Do This		To
1	Press a number key one or more times	cycle through the characters associated with the key and select the character you want (see page 41).
2	Continue to press number keys	enter the rest of the characters in the text message.
3	Press **OK** (⊙)	accept and store the text when you are finished.

Character Chart

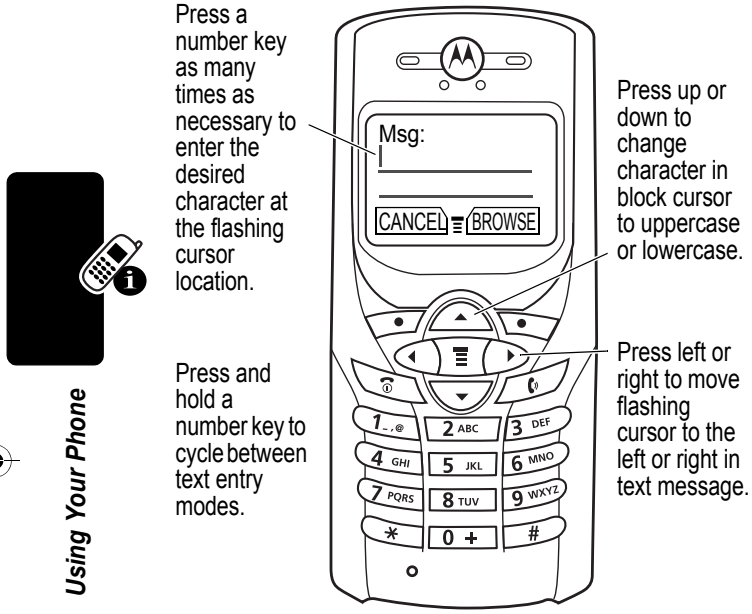
Use this chart as a guide for entering spaces, numbers, letters, symbols, and other characters with the **Tap Method** text mode. Press the same key repeatedly to cycle through available characters.

1	*space* . 1 ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
2 ABC	A B C 2 Ä Å Á À Â Ã α β Ç a b c 2 ä å á à â ã α β ç
3 DEF	D E F 3 Δ Ë É È Ê ϕ d e f 3 δ ë é è ê ϕ
4 GHI	G H I 4 Ï Í Î ¬ g h i 4 ï í î γ η ¬
5 JKL	J K L 5 ϰ Λ j k l 5 κ λ

6 mno	M N O 6 Ñ ö Ø ó ò ô õ Ω m n o 6 ñ ö ø ó ò ô õ μ ν ω
7 pqrs	P Q R S 7 ∏ β Σ p q r s 7 π β σ
8 tuv	T U V 8 θ Ü Ú Ù Û t u v 8 θ ü ú ù û τ
9 wxyz	W X Y Z 9 Ξ ψ w x y z 9 ξ ψ
0 +	+ - 0 x * / \ [ ] = > < # §

Note: Your phone model may not include all of the characters shown in this chart.

General Text Entry Rules


Press a number key as many times as necessary to enter the desired character at the flashing cursor location.
Press and hold a number key to cycle between text entry modes.
Msg:
CANCEL
BROWSE
Press up or down to change character in block cursor to uppercase or lowercase.
Press left or right to move flashing cursor to the left or right in text message.

- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- The first character of each sentence is capitalized unless you manually change it. (Press up or down to change the character to upper or lower case while it is highlighted.)

Use Symbol Mode

Your phone provides an alternate way to find and enter symbol characters in a text message. You can view and select from a variety of available symbols.

To activate symbol mode from any text entry screen, press ☰ and select the **Symbol** menu option.

To enter a symbol in symbol mode:

Do This		To
1	Press a number key one time	display its symbol options (See page 42.) The symbols associated with the key you pressed are shown at the bottom of the display. If necessary, press other keypad keys to find the symbol you want.
2	Scroll left or right with * # or ⊕ **or** Press the number key multiple times	highlight the symbol you want
3	Press **SELECT** (•)	add the highlighted symbol to the text area at the top of the display

Symbol Chart

Use this chart as a guide for entering symbols in symbol mode.

1	*space* . ? ! , @ _ & ~ : ; " - ( ) ' ¿ ¡ % £ $ ¥ ¤ €
2 ABC	@ _ \
3 DEF	/ : ;
4 GHI	" & '
5 JKL	( ) [ ] { }
6 MNO	¿ ¡ ~
7 PQRS	< > =
8 TUV	$ £ ¥ ¤ €
9 WXYZ	# % *
0 +	+ - x * / = > < # §

Use iTAP™ Software Predictive Text Entry

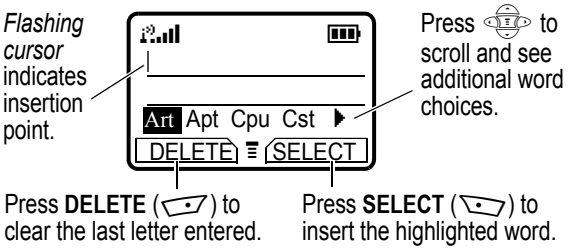
iTAP™ software provides a predictive text entry method that lets you enter the letters of a word using only one keypress per letter.

You must activate iTAP software prior to entering letters. You can do this from any text entry screen by pressing ☰ to open the **Entry Method** menu and selecting the **iTAP** menu option.

Enter Words

Do This		To
1	Press a number key one time	enter the first letter of the word The letters associated with the key you pressed are shown at the bottom of the display.
2	Press number keys (one per letter)	enter the rest of the word Alternative words and letter combinations are shown at the bottom of the display based on the keys you press. These word choices are updated with each keypress.
3	When you have entered all the letters of the word, press right or left	locate and highlight the word you want
4	Press **SELECT** (▽)	add the highlighted word to the text area at the top of the display A space is automatically inserted after the word.

For example, to spell “art,” press 2 abc 7 pqrs 8 tuv. The display shows:


Flashing cursor indicates insertion point.
Art Apt Cpu Cst
DELETE
SELECT
Press to scroll and see additional word choices.
Press DELETE ( ) to clear the last letter entered.
Press SELECT ( ) to insert the highlighted word.

Enter Novel Words

You may enter a word that the iTAP software does not recognize. If the word is not displayed:

Do This		To
1	Press **DELETE** ( ) one or more times	delete letters until you see a letter combination that matches the start of the word
2	Press	highlight the letter or letter combination
3	Press **SELECT** ( ), then press to the left	shift the text entry cursor to the left and “lock” the selected word portion
4	Continue to enter letters and highlight letter combinations	spell the word

Your phone stores the unrecognized word, and includes it in the list of alternative word choices the next time you enter it. When memory space for storing unrecognized words is filled, your phone deletes the oldest words as new words are added.

Enter Punctuation

Press	To
1 or 0 +	enter punctuation or other characters as shown on page 38

Use Capitalization

The first word of a sentence is automatically capitalized, with following words in lowercase.

Press	To
up or down	change the words to initial character capitalized

Enter Numbers

Do This		To
1	Enter the first digit and then highlight it	put the iTAP software in number entry mode
2	Press number keys	add digits to the number
3	Press **SELECT** (-)	enter the number at the flashing cursor location

Delete Letters and Words

Place the cursor to the right of the text you want to delete, and then do the following:

Do This	To
Press **DELETE**(⌫)	delete one letter at a time
Hold **DELETE** (⌫)	delete the entire message

Setting Up Your Phone

Setting the Time and Date

You must set the time and date to use the datebook.

Find the Feature **M > More > Settings > Other Settings > Initial Setup > Time and Date**

Note: When you remove the phone battery, the stored time and date is displayed the next time you turn the phone on. You may need to reset the time and date, depending on how long the phone is without power.

Changing Personal Greetings

To change the text displayed when you turn on your phone:

Find the Feature **M > More > Settings > Other Settings > Personalize > Greeting**

Choosing Alert and Ring Tones

Your phone rings or vibrates to notify you of an incoming call, message, or other event. This ring or vibration is called an *alert*. You can select one of five different alert profiles:

- Loud ring
- Soft ring
- Vibrate
- Vibrate and ring
- Silent

The alert setting indicator in your display shows the current alert profile (see illustration on page 31).

Each alert profile contains settings for ring tone and keypad volume. It also includes alert tone settings for different events: incoming calls, text messages, voicemail messages, data calls, alarms, and reminders. You can modify the settings in each profile.

Note: To create your own alert tones, see page 143. To download sounds to use as your alert tones, see page 135.

Select an Alert Profile

Find the Feature **M > Ring Styles > Alert**

Press	To
1	scroll to the alert profile you want to use
2 **SELECT** (-)	select the alert profile The phone displays the **Changed: Alert** message.

Customize an Alert Profile

You can customize a profile by changing the alerts used for specific events (such as incoming calls, text messages, etc.). Your phone includes a variety of preset alert tones and vibrations. Any changes you make are saved to the current alert profile.

Note: This feature also lets you set the profile's ring tone volume and keypad volume.

Find the Feature **M > Ring Styles > *alert* Detail**

Press	To
1	scroll to the event for which you want to set a new alert
2 **CHANGE** (-)	select the event The phone displays the list of available alerts.
3	scroll to the alert you want for the event

Press	To
4 **SELECT** (⊙)	select the alert

Setting Your Backlight

You can set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power:

Find the Feature ☰ **> More > Settings > Other Settings > Initial Setup > Backlight**

Setting Your Contrast

You can set the amount of contrast in your display:

Find the Feature ☰ **> More > Settings > Other Settings > Initial Setup > Contrast**

Setting Your Display Color

You can select the color palette that your phone uses to display indicators, highlights, and soft key labels:

Find the Feature ☰ **> More > Settings > Other Settings > Personalize > Color Style**

Setting Your Display Scrolling

You can set the cursor to stop or wrap around when it reaches the top or bottom of a list in the display:

Find the Feature **M > More > Settings > Other Settings > Initial Setup > Scroll**

Setting Display Animation

You can turn animation off (to conserve the battery) or on. Animation makes your phone's menus move smoothly as you scroll up and down.

Find the Feature **M > More > Settings > Other Settings > Initial Setup > Animation**

Setting Battery Save

To adjust the phone's power usage to conserve power

Find the Feature **M > More > Settings > Other Settings > Initial Setup > Battery Save**

Setting Wallpaper and Screen Saver

You can use the picture viewer to select a wallpaper or screen saver image (see page 137). You can also download new pictures and animations to use as your wallpaper or screen saver images (see page 135).

Resetting All Options

To reset all options back to their factory settings except for the unlock code, security code, and lifetime timer:

Find the Feature M > **More** > **Settings** > **Other Settings** > **Initial Setup** > **Master Reset**

Clearing All Information

To reset all options back to their factory settings *and* clear all user entries (such as Phonebook entries and downloaded wallpapers, screen savers, and sounds):

Warning: This option erases all user-entered information stored in your phone's memory, including phonebook and datebook entries and downloaded files. Once you erase the information, it cannot be recovered. It resets all options back to their factory settings except for the unlock code, security code, and lifetime timer.

Find the Feature M > **More** > **Settings** > **Other Settings** > **Initial Setup** > **Master Clear**

Setting Up Your Phone for Hands-Free Use

A phone headset lets you use your phone without using your hands.

Optional Accessory

You can also purchase an optional Motorola Original™ Easy-Install Hands-Free Kit for your car. This accessory provides an alternative way for you to use your phone without using your handset.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Automatic Answer

When you activate automatic answer and connect your phone to the Easy-Install Hands-Free Kit or phone headset, your phone automatically answers calls after two rings.

Find the Feature **M > More > Settings > Other Settings > Car Settings** or **Headset > Auto Answer**

Automatic Hands-Free

You can set up your phone to automatically route calls to the Easy-Install Hands-Free Kit when it detects a connection.

Find the Feature **M > More > Settings > Other Settings > Car Settings > Auto Handsfree**

Calling Features

This chapter describes features related to making and answering calls. For information about other call-related features, see page 57 and page 112. For basic instructions on how to make and answer calls, see page 27.

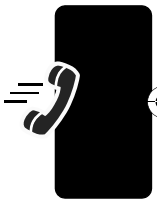
Displaying Your Phone Number

From the idle display:

Press	To
☰ #	see your phone number Your phone number must be programmed on your SIM card in order to use this feature.

While you are on a call:

Do This	To
Press ☰ > **My Tel. Numbers**	see your phone number

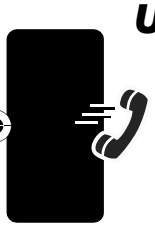


Redialing a Number

You can redial a previously dialed phone number, whether the call was connected or busy. From the idle display:

Press	To
1	go directly to the dialed calls list
2	scroll to the entry you want to call
3	redial the highlighted number

Using Caller ID



The *calling line identification* (caller ID) feature lets you see who is calling before you answer.

- If the caller's name is stored in your phonebook, the phone automatically displays the **Name** (or **Icon ID** and a distinctive **Ringer ID**, when one is assigned). Otherwise, the phone displays the caller's phone number. To create or change a phonebook entry, see page 86.
- If caller ID information is not available, your phone displays the message **Incoming Call**.
- **Outgoing Calls:** Other phones can display your phone number when you call them or send a message. To hide your number for the next call or

message, press ☰ > **More** > **Settings** > **In-Call Setup** > **My Caller ID** > **Next Call Only**.

Terminating an Incoming Call

While the phone is ringing or vibrating:

Press	To
IGNORE (⊙)	cancel the incoming call

Depending on your phone settings and the type of subscription you have, the call may be forwarded to another number, or the caller may hear a busy signal.

Dialing an Emergency Number

Your service provider programs one or more emergency phone numbers (such as 112 or 911) that you can call under any circumstances. You can dial and call the emergency number even when your phone is locked, when you are prompted to enter a code or password, when the SIM card is not inserted in your phone, or when the SIM card is blocked or disabled.

Note: Emergency numbers vary by country. Your phone's emergency number(s) may not work in all locations.

To call the emergency number at any time:

Press	To
1 keypad keys	dial the emergency number (such as 112)
2	call the emergency number

Dialing International Numbers

To dial the local international access code:

Do This	To
Press 0 + for two seconds	insert the international access code for the country from which you are dialing

Inserting Special Characters into Dialing Sequences

In addition to pressing numbers on your keypad, you can insert special characters in a phone number.

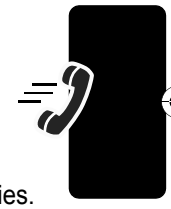
While dialing (with digits visible in the display), you can press * and insert one of the following:

Option	Description
Insert Pause (inserts a **p**)	Your phone waits until the call connects before it dials the next digit(s) in the series

Option	Description
Insert Wait (inserts a **w**)	Your phone waits until the call connects, then prompts you for confirmation before it dials the next digit(s)
Insert 'n' (inserts an **n**)	Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the **n**

Note: You can insert characters in Phonebook entries.

Viewing the Received Calls or Dialed Calls List



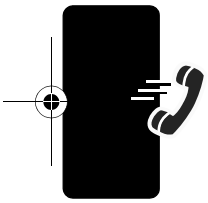
Your phone keeps lists of the numbers from calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added. Each entry tells you the person's number (or name, if available) and whether the call connected or not. You can call, store, or delete the numbers on these lists.

Shortcut: Press to go directly to the dialed calls list from the idle display.

To open the recent calls menu:

Find the Feature **> Recent Calls**

Press		To
1		scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** ( )	select **Received Calls** or **Dialed Calls**
3		scroll to an entry you want to call, store, or delete **Note:** ✓ means the call connected.
4		call the entry's number **Note:** Press and hold for two seconds to send the entry number as DTMF tones. To activate DTMF tones, see page 108.
	or	
		if **View** appears above the key—view the entry's details if **Store** appears above the key—store the entry's details in the phonebook
	or	
		open the **Last Calls Menu** to perform other procedures as described in the following list



The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the selected number in the **No.** field. (This option does not appear if **STORE** appears above the key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option does not appear if **DELETE** appears above the key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the **Tel No.** field. See page 75.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls. When you cannot answer a call, your phone displays:

- the (missed call) indicator

- the message *X* **Missed Calls**, where *X* is the total number of missed calls

Press	To
1 **VIEW** (⊙)	see the received calls list, beginning with the most recent call
2 ⊕	scroll through the list and select a call that you want to return
3 ✆	make the call

Entering Numbers in the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. These digits can be the last phone number that you called, or a phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

To call the number, create a phonebook entry, or perform other operations with the number stored in the notepad:

Find the Feature ☰ **> Recent Calls > Notepad**

Press	To
	call the number
or	
	open the **Dialing Menu** to attach a number or insert a special character (see page 56)
or	
STORE ( )	create a new phonebook entry, with the notepad number copied into the **No.** field (see page 86)

Attaching a Number

You can attach a number from your phonebook or recent calls list to the digits you enter in the display.

While dialing (with digits visible in the display):

Do This	To
Press > **Attach Number**	attach a number from the phonebook or recent calls list to the end of the digits you entered

Using Voicemail

You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone. Contact your service provider for more details.

Storing Your Voicemail Number

Store your voicemail number in your phone to make it faster and easier to use voicemail. Your voicemail number is provided by your service provider.

Find the Feature **M > More > Messages**
M > VoiceMail Setup

Press	To
1 keypad keys	enter the phone number for your voicemail
2 **OK** (⊙)	store the number

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays **New VoiceMail** ✉. (Some networks only indicate when you have messages, whether they are new or not.) If reminders are turned on, your phone sends a reminder every five minutes until you close the new message notification, listen to the message, or turn off your phone. (See page 129.)

From the new message notification:

Do This	To
Press **CALL** (⊙)	call the voicemail phone number you stored and listen to the message

Listening to a Voicemail Message

Once you store your voicemail number, you can listen to your voicemail messages at any time:

Find the Feature **> More > Messages > VoiceMail**

Your phone calls the voicemail phone number you stored. If you do not have a voicemail number stored, the phone guides you through storing a number.

Speed Dialing

Speed dial lets you dial any phonebook entry with a minimal number of keypresses.

When you store an entry in your phonebook, it is assigned a unique speed dial number. You can then use the speed dial feature to call the entry. In the idle display:

Press		To
1	keypad keys	enter the speed dial number for the entry you want to dial
2	#	submit the number
3		call the entry

To make an entry in the phonebook or view an existing entry's speed dial number, see page 86.

One-Touch Dialing

You can call phonebook entries 1 through 9 with the push of a single key. Press and hold the one-digit speed dial number for one second. To store entries in locations 1 through 9 in the phonebook, see page 86.

You must assign the 1-touch dial feature to numbers 1 through 9 in your phone memory phonebook or SIM card phonebook:

Find the Feature **M > More > Settings > Other Settings > Initial Setup > 1-Touch Dial**

Note: Your service provider may assign entry 1 to your voicemail number.

Quick Dialing

You can dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number. You can call them by selecting them from the quick dial list.

Find the Feature **M > More > Quick Dial**

Note: Your service provider may use a different name for this feature.

To change your quick dial numbers:

Find the Feature	**> More > Settings > Other Settings > Personalize > Quick Dial**

Using Call Waiting

If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a second call. To put the first call on hold and answer the second call, press . To put the first call on hold and answer the second call:

Press	To
1	answer the new call
2 **SWITCH** ( )	switch back to the first call **Note:** You can press **SWITCH** ( ) at any time to switch between calls.
or	
LINK ( )	connect the two calls

To end the first call and answer the second call:

Press	To
1	end the current call Your phone rings to signal the new call.

Press	To
2	answer the new call

To activate or deactivate call waiting:

Find the Feature **> More > Settings > In-Call Setup > Call Waiting**

Forwarding a Call

Call forwarding sends your phone's incoming voice, fax, and/or data calls directly to another phone number.

Set Up or Cancel Call Forwarding

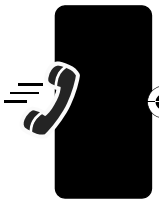
The forwarding options for voice, fax, or data calls are:

All Calls	forward all calls
If Unavailable	forward calls if your phone is unavailable
Detailed	set different forwarding numbers if you are out of range, unable to answer, or busy (*voice calls only*)
Off	do not forward calls

Find the Feature **> More > Settings > Call Forward**

Press		To
1		scroll to the type of calls you want to forward Scroll to **Cancel All** to cancel all call forwarding.
2	**SELECT** ( )	view call forwarding details
3		scroll to **Forward**
4	**CHANGE** ( )	change the **Forward** option
5		scroll to a forwarding option
6	**SELECT** ( )	store the option
7		scroll to **To** (for **Detailed** forwarding, scroll to **If Busy**, **If No Answer**, or **If Unreachable**)
8	**CHANGE** ()	select **To**
9	keypad keys **or** **BROWSE** ( )	enter the forwarding phone number select a number from the phonebook or recent call lists
10	**OK** ( )	store the number
11	**DONE** ()	save call forwarding settings

Note: Repeat this procedure to enter forwarding information for other call types.



Check Call Forwarding Status

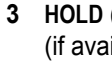
Your network may store call forwarding status for you. If you change your phone's call forward settings, then you should confirm that the network call forward status matches your preferences.

Find the Feature **M > More > Settings > Call Forward > Forward Status**

Press		To
1		scroll to **Voice**, **Fax**, or **Data** calls
2	**View** ( )	confirm that the network settings are correct

Linking Calls

To talk to more than one person on a call, you can make a conference call. Call the first person, call the second person, then link the two calls.

Press		To
1	keypad keys	dial the first person's number
2		call the number
3	**HOLD** () (if available) or **M > Hold**	put the first call on hold Your phone displays a (flashing phone) indicator next to the call on hold.

Press		To
4	keypad keys	dial the next person's number
5		call the number Your phone displays a (active call) indicator next to the new active call.
6	**LINK** ( )	connect the two calls
7		end the entire call

Transferring a Call

While you are on a call, you can transfer the call to another phone by first talking to the person who answers the other phone, or by directly transferring the call.

Announce the Call Transfer

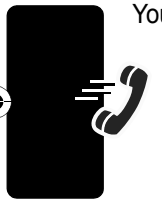
You can talk to the person who answers the other phone before you transfer the call, to tell them whom you are transferring.

Find the Feature **> Hold**

Press		To
1	keypad keys	enter the phone number where you are transferring the call
2		dial the phone number Speak to the person who answers the target phone.
3		open the menu

Press		To
4		scroll to **Transfer**
5	**SELECT** ( )	select **Transfer**
6	**OK** ( )	confirm the transfer Your phone displays the message **Transfer: Complete** when the call is transferred. You can hang up the phone when you see this message.

Do Not Announce the Call Transfer



You can directly transfer a call without talking to the person who answers. During a call:

Find the Feature > **Transfer**

Press		To
1	keypad keys	enter the phone number where you are transferring the call
2		dial the phone number Your phone displays the message **Transfer: Complete** when the call is transferred. You can hang up the phone when you see this message.

Barring a Call

Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming, or all calls but home.

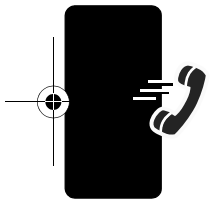
Find the Feature **M > More > Settings > Security > Call Barring**

Press		To
1		scroll to **Outgoing** or **Incoming** calls
2	**CHANGE** (▭)	select barring for **Outgoing** or **Incoming** calls
3		scroll to a restriction for the barred calls
4	**SELECT** (▭)	select the restriction for the barred calls
5	keypad keys	enter your call barring password (from your network service provider)
6	**OK** (▭)	submit your password

Putting a Call on Hold

While you are on a call:

Press	To
HOLD (⊙) (if available) or ☰ > **Hold**	put a call on hold Your phone displays a (flashing phone) indicator to indicate that the call is on hold.



Messages

You can send and receive text messages, pictures, and ring tones on your wireless phone. Received messages appear on your phone display or in your text message inbox.

You must set up the text message inbox *before* you can send and receive these messages. The total number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored in your phone.

Note: Your service provider may have already programmed the text message inbox settings for you.

Setting Up the Text Message Inbox

Find the Feature **> More > Messages**
> Text Msg Setup

Press		To
1		scroll to **Srvce Center No.**
2	**CHANGE** ( )	change the **Srvce Center No.** which is provided by your service provider
3	keypad keys	enter the phone number for the service center that handles your outgoing messages

Press		To
4	**OK** (⊙)	store your service center number
5	**CHANGE** (⊙)	change the **Expire After** period
6	keypad keys	enter the expiration period—the number of days your network tries to resend unreceived messages
7	**OK** (⊙)	store the expiration period
8	**CHANGE** (⊙)	change the **Reply Type**
9		scroll to the default type of replies you want to send—text messages, or other formats
10	**OK** (⊙)	store the reply type
11	**CHANGE** (⊙)	change the **Cleanup** setting
12		scroll to the period of time that messages stay in your inbox
13	**SELECT** (⊙)	select the cleanup period If you select **Custom**, continue. Otherwise, the procedure is complete.
14		change the entry for the number or label
15		switch between the number and the label

Press	To
16 DONE (⊙)	store the custom cleanup period after you finish entering all information

Sending Messages, Pictures, and Ring Tones

You can send text messages, pictures, and ring tones to one or more recipients. You can manually enter each recipient's phone number, or select one or more numbers from the phonebook or recent calls lists.

Note: The recipient's phone may be unable to display pictures or ring tones inserted in your message.

Shortcut: While dialing (with digits visible in the display), you can Press ☰ > **Send Message** to create a text message addressed to the number entered.

When you manually enter multiple phone numbers in the **To** field, you must insert a space between each number. Press and hold * to insert a space as needed.

Find the Feature ☰ > **More** > **Messages**
☰ > **New Message**

Press		To
1	keypad keys	enter the text message To insert a picture, animation, or sound file in the message, press: M > **Insert** > *object type* > *object* **Note:** Message length is limited. When you near the limit, a two-digit counter at the top of the display shows how many characters are left.
2	**OK** (⊙)	store the text message
3	keypad keys	enter one or more phone numbers where you want to send the message **Note:** Press and hold 1 to add a space between numbers that you enter manually.
	or	
	BROWSE (⊙)	select one or more phone numbers from the phonebook or recent calls lists
4	**OK** (⊙)	store the number(s)
5	**DONE** (⊙)	finish the message

Press	To
6	scroll to **Send Message**, **Message Details**, **Save to Drafts**, or **Cancel Message**
7 **SELECT** (▭)	select the option

Viewing Message Status

Text messages that you send are stored in the outbox. To view the contents of your outbox:

Find the Feature **M** > **More** > **Messages** > **Outbox**

Messages are sorted from newest to oldest. The following icons indicate message status:

» = sending in progress ✉ = delivered

✕ = sending failed

Receiving a Text Message

Note: Your text message inbox must be set up before you can receive text messages. See page 73.

When you receive a text message, your phone displays **New Message** ✉ and gives an alert.

Press	To
READ (▭)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone. (See page 129.)

When your inbox is full, flashing envelope icon appears. New messages do not appear until you delete some existing ones.

Reading, Locking, or Deleting a Text Message

Messages in the text message inbox are sorted from newest to oldest. The oldest messages are deleted automatically as specified by the inbox cleanup setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature **> More > Messages > Text Msgs**

Press	To
1	scroll to the message you want (✉ = unread, ✉ = read, 🔒 = read and locked)
2 **READ** ( )	open the message

Press		To
3	**BACK (**⊡**)**	close the message
	or	
	REPLY (⊡**)**	compose and send a reply
	or	
	⊡	open the **Text Msg Menu** to perform other procedures as described in the following list

The **Text Msg Menu** can include the following options:

Option	Description
Delete	Delete the message.
Call Back	Call the number in the message header or embedded in the message.
Reply	Open a new text message, with the sender's **Reply To** number in the **To** field.
Forward	Open a copy of the text message, with an empty **To** field. **Note:** You cannot forward sound files embedded in a text message. Only the text is forwarded.
Chat	Start chat session with sender.
Lock/Unlock	Lock or unlock the message.

Option	Description
Store	Store a phone number listed in a message, or store a picture, animation, or ring tone attachment. When you store a message attachment, you can optionally set it as a screen saver image, wallpaper image, or ring tone.
Delete All	Delete all inbox messages.
New Message	Open a new text message.
Setup	Open the text message inbox setup menu.

Using Chat

You can exchange text messages in real time with another wireless phone user in a *chat session*. The messages you send appear immediately on your chat partner's phone.

Start a Chat Session

Find the Feature **M > Chat**
M > New Chat

Press	To
1 keypad keys	enter your **Chat Name**
2 **OK** (-)	save your **Chat Name**

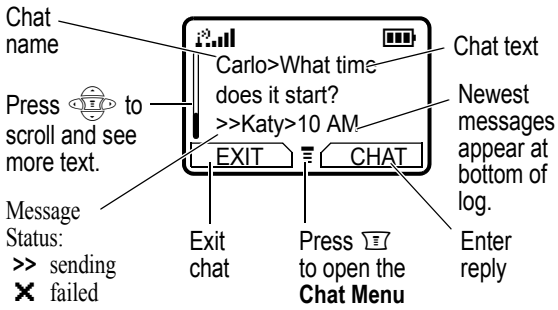
Press		To
3	keypad keys	enter your chat partner's phone number
	or	
	BROWSE (⊙)	select a number from the phonebook or recent call lists
4	**OK** (⊙)	store the number
5	keypad keys	enter your first chat message
	or	
	INSERT (⊙)	select a quick note
6	**OK** (⊙)	send the chat message
		When your chat partner replies, the reply appears below your text.
7	**CHAT** (⊙)	enter a reply to your partner
8	**OK** (⊙)	send your reply

Notes:

- You can start a chat session from a text message. Press ✉ and select **Chat** to start a new session with the sender's **Reply To** number in the **To** field.
- When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.

Use the Chat Log

The chat log displays the messages exchanged in a chat session.



Use the Chat Menu

During a chat session, you can press to open the **Chat Menu** to perform procedures as described in the following list:

Option	Description
New Chat	Open a new chat session.
Call Partner	Call your chat partner.
Call Number	Call the number listed in the chat log.
Store Number	Create a phonebook entry for the number listed in the chat log.
End Chat	End the chat session.
Go to Top	Go to the top of the chat log.
Go to Bottom	Go to the bottom of the chat log.
Clear Log	Clear all text from the chat log.

Option	Description
Re-send	Resend your most recent chat message, if it failed.
Send Message	Create a new chat message.

Respond to Chat

When you receive a chat message, your phone displays **Chat from** *chat name*, and gives an alert.

Press	To
ACCEPT (⊙)	accept the chat session
IGNORE (⊙)	refuse the chat session

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone.

If you receive another chat request during a chat session, the new request appears as an incoming text message, with the requestor's *chat name* at the beginning of the message.

End a Chat Session

Press	To
1 ☰	open the **Chat Menu**
2 ⊙	scroll to **End Chat**
3 **SELECT** (⊙)	select **End Chat**
4 **YES** (⊙)	end the chat session

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.

Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's *chat name* at the beginning of the message.

If you exit the chat log without selecting **End Chat**, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.

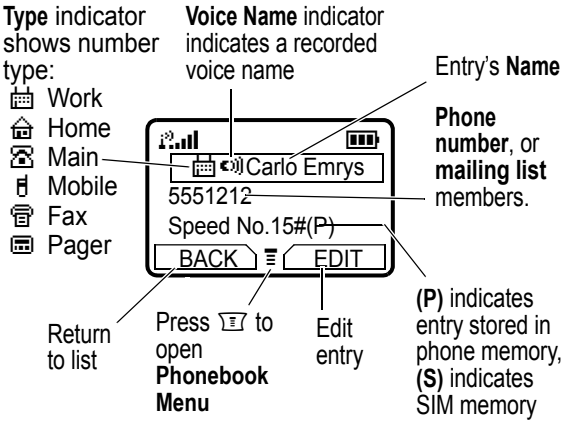
Phonebook

You can store a list of names and phone numbers in your phone's electronic phonebook.

To see the list of names stored in your phonebook, press ⓜ > **More** > **Phonebook** from the idle display. Scroll to a name and press **VIEW** (⌐•¬) to view details of the phonebook entry as shown below.

Shortcut: Press ⊛ up or down from the idle display to open the phonebook.

Viewing Entry Details



Notes:

- **Mailing List** entries, and entries stored on the SIM card do not have **Type**, **Voice Name**, **Icon ID**, or **Ringer ID** information.
- If the phonebook entry is a mailing list, list members are listed after the entry's name.
- When you set a distinctive ringer alert for an entry, the **Ringer ID** setting appears below the speed dial number.

Storing a Phonebook Entry

A phone number is required for a phonebook entry. All other information is optional.

You can store a phonebook entry on your phone or on the SIM card. Entries with a speed dial number from 1 to 100 are stored on the phone. 101 and above are stored on the SIM.

Shortcut: Enter a phone number in the idle display, then press **STORE** (⊙) to create a phonebook entry with the number in the **No.** field. Go directly to step 3 in the following procedure to enter additional information and store the entry.

Note: You can also use the following procedure to store a fixed dial entry by scrolling to and selecting **Fixed Dial**.

Enter Information

Find the Feature **MENU > More > Phonebook**
MENU > New

Press		To
1		scroll to **Phone Number**, or **Mailing List**
2	**SELECT** ( )	select the type of entry
3	**CHANGE** ( )	select **Name**
4	keypad keys	enter a name for the phonebook entry (see page 36)
5	**OK** ( )	store the name
6	**CHANGE** ( )	select **No.**, or **Members** **Note:** If you select **Members** (for a Mailing List), a list of phonebook entries appears. **a** Press to scroll to an entry. **b** Press **ADD** () or **REMOVE** (). **c** Press **DONE** () when you are finished. You can skip to step 12 below.
7	keypad keys	enter the phone number
8	**OK** ( )	store the phone number
9	**CHANGE** ( )	select **Type**
10		scroll to the type of phone number
11	**SELECT** ( )	select the number type

Press	To
12 **RECORD** (⊙) **or** Go to step 13 if you do not want to record a voice name for the entry	record a voice name for the entry, if desired See page 90. **Note:** This option is not available for entries stored on the SIM card.
13	scroll to **Speed No.**, the number to *speed dial* the entry The next available speed dial number is assigned to a new phonebook number by default. Entries 101 and above are stored on the SIM.
14 **CHANGE** (⊙)	select **Speed No.** if you want to change it
15 keypad keys	enter a different speed number, if desired
16 **OK** (⊙)	save the modified speed number If your chosen speed number is already assigned to another entry, you are asked if you want to replace that entry.

Press	To
17 CHANGE (⊙)	select **Ringer ID** **Note:** This option is not available for entries stored on the SIM card.
18 ⊙	scroll to the ring tone that should sound when you receive calls or messages from this entry **Note:** To activate ringer IDs, see page 100.
19 SELECT (⊙)	select the ring tone
20 CHANGE (⊙)	select **Icon ID** **Note:** This option is not available for entries stored on the SIM card.
21 ⊙	scroll to the icon that should appear when you receive calls or messages from this entry
22 SELECT (⊙)	select the icon
23 SELECT (⊙)	select **MORE** if you want to create another entry with the same **Name** **Note:** You must enter a name and number to use this option.

Complete Phonebook Entry

When you are finished entering information for a phonebook entry:

Press	To
DONE (⌐•¬)	store the entry

Recording a Voice Name For a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial (see page 92).

Note: You cannot record a voice name for an entry stored on the SIM card.

Make your voice recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

Find the Feature **MENU > More > Phonebook**

Do This		To
1	Press ⊕	scroll to the entry that needs a voice name
2	Press **VIEW** (⌐•¬)	display the entry's detailed view
3	Press **EDIT** (⌐•¬)	edit the phonebook entry
4	Press ⊕	scroll to **Voice Name**

Do This		To
5	Press **RECORD** (⊙)	begin the recording process The phone displays **Press RECORD Key then say name**.
6	Press and release **RECORD** (⊙), then say the entry's name (in two seconds)	record the voice name The phone displays **Press RECORD Key then REPEAT name**.
7	Press and release **RECORD** (⊙), then repeat the name	confirm the voice name The phone displays **Trained: Voice Name**.

Dialing a Phonebook Entry

You can use the phonebook list, voice dial, speed dial, or 1-touch dial to call a number stored in your phonebook. To use speed dial, see page 63. To use 1-touch dial, see page 64.

Phonebook List

Find the Feature ☰ **> More > Phonebook**

Press		To
1	⊕	scroll to the entry you want
2	✆	call the entry

Shortcut: In idle, press ⊕ up or down to open the Phonebook.

Voice Dial

Find the Feature **M > Voice Dial**

Say the pre-recorded phonebook entry name.

Editing a Phonebook Entry

You can edit a phonebook entry stored on your phone or the SIM card. If you change an entry's speed dial number, the entry is moved to the new speed dial location and the original entry is deleted.

Note: You can also use the following procedure to edit a fixed dial entry by scrolling to and selecting **Fix Dial**.

Find the Feature **M > More > Phonebook**

Press		To
1		scroll to the entry you want to edit
2	**VIEW** ( )	display the entry's detailed view
3	**EDIT** ()	edit the phonebook entry

For a description of the items in a phonebook entry or fixed dial entry, see page 85 and page 86.

Deleting a Phonebook Entry

To delete a phonebook entry:

Find the Feature **M > More > Phonebook**

Press		To
1		scroll to the entry you want to delete
2		open the **Phonebook Menu**
3		scroll to **Delete**
4	**SELECT** ( )	select **Delete**

Sorting Phonebook Entries

You can set up your phone to sort your phonebook list by speed dial number (the standard), name, or voice dial.

Note: The voice dial sort is identical to the name sort, except that the entries with voice name tags appear first.

Find the Feature **> More > Phonebook**

Press		To
1		open the **Phonebook Menu**
2		scroll to **Setup**
3	**SELECT** ( )	select **Setup**
4		scroll to **Sort by**
5	**CHANGE** ( )	select **Sort by**
6		scroll to the entry you want
7	**SELECT** ( )	select the entry you want

Copying Phonebook Entries

You can copy one or more phonebook entries from your phone to the SIM card or from the SIM card to your phone.

Notes:

- This procedure copies the original entry to a new location. It does *not* delete the original entry.
- The SIM card cannot store **Type** and **Voice Name** data for entries. If you try to copy an entry with a type or voice name to the SIM card, the phone asks you for confirmation before dropping this information and copying the entry.

Copy a Single Entry

To copy a single phonebook entry from your phone to the SIM card or from the SIM card to your phone:

Find the Feature > **More** > **Phonebook**

Press	To
1	scroll to the entry you want to copy **Note:** Entries with a speed dial number from 1 to 100 are stored on the phone. Entries with a speed dial number of 101 or higher are stored on the SIM card.
2	open the **Phonebook Menu**
3	scroll to **Copy Entry**
4 **SELECT** ( )	select **Copy Entry** The phone displays the **Copy To** form, with the next available speed dial number.

Press		To
5	keypad keys	edit the speed dial number on the **Copy To** form
6	**OK** (⊙)	approve the copy to the speed dial number The phone displays the **Stored** message. You can now delete the old phonebook entry, if desired.

Copy Multiple Entries

To copy multiple phonebook entries from your phone to the SIM card or from the SIM card to your phone:

Find the Feature ☰ > **More** > **Phonebook**

Press		To
1	☰	open the **Phonebook Menu**
2	⊙	scroll to **Copy Entries**
3	**SELECT** (⊙)	select **Copy Entries** The phone displays the **Copy Entries** form.
4	⊙	scroll to **From (start)**
5	**CHANGE** (⊙)	select **From (start)**

Press	To
6 keypad keys	enter the first (lowest) speed dial number in the range of entries that you want to copy **Note:** Entries with a speed dial number from 1 to 100 are stored on the phone. Entries with a speed dial number of 101 or higher are stored on the SIM card.
7 **OK** (⊙)	store the number and return to the **Copy Entries** form
8	scroll to **From (end)**
9 **CHANGE** (⊙)	select **From (end)**
10 keypad keys	enter the last (highest) speed dial number in the range of entries that you want to copy
11 **OK** (⊙)	store the number and return to the **Copy Entries** menu
12	scroll to **To (start)**
13 **CHANGE** (⊙)	select **To (start)**
14 keypad keys	enter the first (lowest) new speed dial number for the entries' new location
15 **OK** (⊙)	store the number and return to the **Copy Entries** menu

Press	To
16 DONE (⊙)	copy the entries The phone displays the **Copied Entries** message. You can now delete the old entries, if desired.

Checking Phonebook Capacity

You can check phonebook capacity to see how much space is left for storing phonebook entries on your phone and on the SIM card. For entries stored on the phone, your phone displays a memory meter that shows how much memory space remains to store phonebook and datebook entries. For the SIM card, your phone lists the number of phonebook entries used and the number available.

Find the Feature **M** > **More** > **Phonebook**

Press	To
1 **M**	open the **Phonebook Menu**
2 ⊙	scroll to **Phone Capacity**
3 SELECT (⊙)	select **Phone Capacity** Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Customizing Your Phone Settings

You can adjust your phone's menus and features.

Reordering the Main Menu

Your service provider can change the order of menu items from what is listed in this manual. Additionally, you can also reorder the menu items.

Find the Feature **> More > Settings > Other Settings > Personalize > Main Menu**

Press		To
1		scroll to the menu item you want to move
2	**GRAB** ( )	grab the menu item you want to move
3		move the item up or down the menu
4	**INSERT** ( )	insert the item in the new location

C350.RG.book Page 99 Thursday, February 6, 2003 2:12 PM

Reordering the Message Center Menu

Your service provider can change the order of Message Center items from what is listed in this manual. Additionally, you can also reorder the menu items.

Find the Feature M > **More** > **Messages** M > **Reorder**

Press		To
1		scroll to the menu item you want to move
2	**GRAB** (⌐•)	grab the menu item you want to move
3		move the item up or down the menu
4	**INSERT** (⌐•)	insert the item in the new location

Redefining Soft Keys

You can relabel the soft keys (left ⌐• and right •⌐) to access different main menu items from the idle display.

Find the Feature M > **More** > **Settings** > **Other Settings** > **Personalize** > **Keys**

Press		To
1		scroll to **Left** or **Right**
2	**CHANGE** (⌐•)	open the key editor

Press		To
3		scroll to the new key function
4	**SELECT** ( )	confirm the new function The key will have the new function whenever the phone is idle.

Selecting a Different Language

You can select a different language for your phone's display:

Find the Feature **> More > Settings > Other Settings > Initial Setup > Language**

Activating Ringer IDs

When ringer IDs are turned on, your phone uses distinctive ring tones to notify you of incoming calls or messages from specific entries stored in your phonebook.

Note: To assign a ringer ID to a new or existing phonebook entry, see page 86.

Find the Feature **> More > Ring Styles > *Alert* Detail > Ringer IDs**

Note: *Alert* represents the current ring style.

Press		To
1		scroll to **On** or **Off**

	Press	To
2	**SELECT** (⊙)	select the option

Using Shortcuts

MyMenu lets you create shortcuts to quickly access your favorite menu features, stored entries (such as phonebook or datebook entries), or URLs.

Adding a MyMenu Shortcut

Do	This	To
1	Press ⊡	enter the menu system
2	Scroll to the item you want to add to MyMenu	select the menu item, entry, or URL
3	Press and hold ⊡	open the MyMenu editor The phone displays: **Assign MyMenu for: "***Item***"?** where *Item* is the name of the item you selected.
4	Press **YES** (⊙)	view your options
5	Press **CHANGE** (⊙) **or** Press **DONE** (⊙)	change the MyMenu key number, if necessary select the MyMenu key number and close the editor

Using a MyMenu Shortcut

You can use MyMenu from the idle display, while on a call, or while scrolling through a menu.

Use a MyMenu Key Command

If you know the MyMenu key number:

Press		To
1	☰	open the menu
2	the MyMenu key number	go to the menu item, or perform the menu action

Select a Shortcut From the MyMenu List

To select a feature from the MyMenu list:

Find the Feature ☰ **> More > MyMenu** *> the feature you want*

Tip: To edit or delete a MyMenu shortcut, highlight it in the list and press ☰ to open a menu of options for the shortcut.

MyMobilesoft.com

Introduction

MyMobileSoft.com1 provides download of both free and paid software for your Motorola handset. Depends on each model, you may download ring tones, screen savers, wall papers and others software from MyMobileSoft.com.

1. All software and applications contained on MyMobileSoft.com are third party products and provided as is. Motorola or its subsidiaries make no representations or warranties, expressly or impliedly. By way of example but not of limitation, Motorola or its subsidiaries make no representations or warranties of merchantability or fitness for a particular purpose, or that the use of the software and applications will not infringe any intellectual property rights. Motorola or its subsidiaries shall not be liable for any damages of any kind arising out of or relating to the use or inability to use the software and applications and services thereof. Amendment and availability of these software and applications are subject to change without any prior notice.

For more information, please visit the internet website : www.mymobilesoft.com

Access to MyMobileSoft.com2

Find the Feature OR

> MyMenu > 9 wxyz

Press > > 9 wxyz

This link guides you to the service of MyMobileSoft.com, which provides software and applications for your newly bought Motorola Mobile Phone.

2. You need to subscribe WAP service from your local operators, please make sure that you set up your handset

correctly with appropriate parameters provided by your local operators.

www.mymobilesoft.com
無限驚喜等你下載
Unlimited suprises waiting for you to download
遊戲 Games 電子書 E-Book 財務軟件 Finance 行政軟件 M-Executiv

Setting a Wallpaper Image

Find the Feature **> More > Settings > Other Settings > Personalize > Wallpaper**

Setting	Description
Picture	select the picture or animation for the background image in your idle display
Layout	select **Center** or **Tile**

Setting a Screen Saver

Find the Feature **> More > Settings > Other Settings > Personalize > Screen Saver**

Setting	Description
Picture	select the picture that appears when your phone is idle

Setting	Description
Delay	select how long your phone must be idle before the screen saver picture appears **Note:** If this setting is longer than your Display Timeout setting, then your display will turn off before you ever see the screen saver.

Getting More Out of Your Phone

Dialing Options

Fixed Dialing

When you turn on fixed dial, users can only call numbers stored in the fixed dial list.

Note: Employers can use fixed dial to limit employees' phones to a predefined list of numbers, country codes, or other prefixes.

Activating Fixed Dial

To activate fixed dial:

Find the Feature **> More > Settings > Security > Fixed Dial**

Creating and Calling Fixed Dial Entries

Fixed dial list entries can be any length. If there is a fixed dial entry for the digits 555, users can call any number that starts with 555. You must enter your SIM PIN2 code, from your network service provider, to edit fixed dial entries. To open the fixed dial list:

Find the Feature **> More > Fixed Dial**

In the fixed dial list, you can create, edit, delete, and sort entries just like in the phonebook list. Fixed dial list entries

are stored on your SIM card and do not have **Type** or **Voice Name** fields.

Service Dialing

Dial pre-programmed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.

Find the Feature M > **More** > **Service Dial**

Managing Your Calls

Calling a Number in a Text Message

If you receive a text message with an embedded phone number, you can dial the number directly.

Note: You must set up the text message inbox before you can receive text messages. See page 73.

Find the Feature M > **More** > **Messages** > **Text Msgs**

Press		To
1		scroll to the message with the number
2	M	open the **Text Msg Menu**
3		scroll to **Call Back**
4	**SELECT** ( )	dial the number in the message

If the message contains more than one phone number, press to scroll to a number, then press **SELECT** ( ) to dial.

Sending DTMF Tones

While you are on a call, you can send keypresses as tones:

Do This	To
Press > **Send Tones**	send a number to the network as DTMF tones, for credit card calling or password entry

To set DTMF tones to be long, short, or off:

Find the Feature > **More** > **Settings** > **Other Settings** > **Initial Setup** > **DTMF**

Monitoring Phone Use

Viewing and Resetting Call Timers

Your phone tracks and records call times. Use the recent calls menu to view and reset a call timer.

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of

time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view a call timer:

Find the Feature **> Recent Calls > Call Times**

Press	To
1	scroll to the timer you want to view
2 **SELECT** ( )	view the recorded time

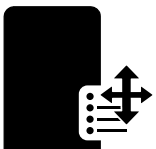
To reset the call timer:

Press	To
1 **RESET** ( )	reset the time (if available)
2 **YES** ( )	confirm the reset

You can view the approximate network connection time elapsed during the following calls:

Timer	Description
Last Call	Time spent on the last call dialed or received. You cannot reset this timer.
Dialed Calls	Total time spent on dialed calls since the last time you reset this timer.

Timer	Description
Received Calls	Total time spent on calls received since the last time you reset this timer.
All Calls	Total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Total time spent on all calls on this phone. You cannot reset this timer.



Viewing and Resetting Call Costs

To view a cost tracker:

Find the Feature **> Recent Calls > Call Cost**

Press	To
1	scroll to the cost tracker you want to view
2 **SELECT** ( )	view the recorded cost

To reset the cost tracker:

Press	To
1 **RESET** ( )	reset the cost (if available)
2 **OK** ( )	enter your PIN2 code to confirm the reset

Your phone network can provide the following cost information:

Cost Tracker	Description
Credit Available	Amount of your credit remaining. For GSM advice-of-charge, this is only available if you set a credit limit. **Note:** Your phone receives cost information from the advice-of-charge feature or third-party prepay software.
Expiration Date	Date that the available credit expires (available only with a subscription to a prepay option).
Last Deposit	Amount of the last deposit (available only with a subscription to a prepay option).
Last Call	Amount spent on the last call you dialed or received. You cannot reset this cost tracker.
Dialed Calls	Amount spent on calls you dialed since the last time you reset this cost tracker.
Received Calls	Amount spent on calls you received since the last time you reset this cost tracker.

Cost Tracker	Description
All Calls	Amount spent on all dialed and received calls since the last time you reset this cost tracker. You can reset this value separate from **Dialed Calls** and **Received Calls**, so **Dialed Calls** plus **Received Calls** may not equal **All Calls**.

Network Features

Data and Fax Calls

A Motorola Original™ data kit lets you transfer data between your phone and a computer or other external device. You can:

- use your phone to make and answer data and fax calls on your computer or hand-held device.
- use your phone as a modem to connect to the Internet

  Note: 56K modems are capable of receiving 56Kbps from a compatible service provider. Receiving is currently limited in the U.S. and Canada to 53 Kbps, and transmitting to 33.6 Kbps. Actual speeds will vary depending on line conditions.

Your phone can use GPRS network connections when available (see page 31).

For more information about Motorola Original data kits, see the Motorola Web site at:

`http://www.motorola.com/dataaccessories`

Connecting Your Phone to an External Device

Connect your phone to an external device (such as a computer or hand-held device) using a USB cable.

Note: Not all devices are compatible with USB cable connections. Check your external device for specifications.

Set Up a Cable Connection

Attach a Motorola Original USB cable to the phone and external device as follows.

Note: Your phone requires a mini-USB connector. Check your computer or hand-held device to determine the type of cable you need.

Do This	
1	Plug the end of the cable with the Motorola logo into your phone's accessory connector port. Make sure that the logo and the phone are both facing you.
2	Plug the other end—the USB connection—into the USB port on the external device.

Install the Software

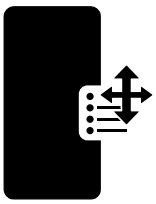
Install the software from the CD-ROM that comes with your Motorola Original data kit. See the data kit's user guide for more information.

Making a Data or Fax Call

You can connect your phone to a computer or hand-held device to send data or a fax from the connected device.

Attach the cable (see page 113) and do the following:

Do This		To
1	Check the phone	make sure that the phone is connected and powered on
2	Open the application on your computer	place the call through the application (such as dial-up-networking) **Note:** You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer.
3	End the transfer on your computer	close the call and connection when the transfer is complete



Receiving a Data or Fax Call

You can connect your phone to a computer or hand-held device to receive data or a fax.

Use this feature to transfer data to your computer from another device.

Transfer the Data or Fax

Connect your phone (see page 113).

Your phone notifies you when the call arrives, and transfers the call to the connected device. You must use the application running on the connected device to answer the call.

End the Data/Fax Connection

When the data or fax transfer is complete:

Do This	To
End the call from the connected device	close the connection

Make a Talk and Fax Call

You can place a call where you talk and then send a fax to the same phone number within the same call.

Connect to the device that will send the fax and do the following:

Press		To
1	keypad keys	enter the phone number
2		open the **Dialing Menu**
3		scroll to **Talk and Fax**
4	**SELECT** ( )	select **Talk and Fax** Your selection applies to the next call only.

Press	To
5	make the call
	Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device.

Network Selection

You can view and adjust your phone's network settings:

Find the Feature **> More > Settings > Other Settings > Network**

Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.

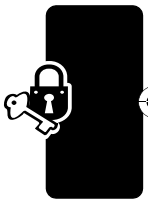
Security

Locking and Unlocking Your Phone

You can lock your phone manually or set your phone to lock automatically whenever you turn it off.

When you try to use a locked phone, it asks you to enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, *but you must unlock it to answer.*

You can make emergency calls on your phone even when it is locked. See page 55.



Lock Your Phone Manually

Find the Feature **> More > Settings > Security > Phone Lock > Lock Now**

Press	To
1 keypad keys	enter your four-digit unlock code
2 **OK** ( )	lock the phone

Set Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature **M > More > Settings > Security > Phone Lock > Automatic Lock > On**

Press	To
1 keypad keys	enter your four-digit unlock code
2 **OK** (⊙)	set the phone to lock automatically

Unlock Your Phone

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your four-digit unlock code The unlock code is originally set to 1234. If necessary, see page 120.
2 **OK** (⊙)	unlock your phone

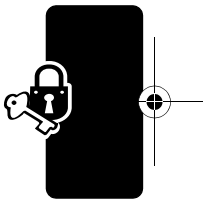
Changing Your Unlock Code

Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000. Your service provider may reset these numbers before you receive your phone.

If your service provider has *not* reset these numbers, we recommend that you change them to prevent other users from accessing your personal information or modifying your phone settings. The unlock code must contain four digits, and the security code must contain six digits. Be sure to make a note of the new numbers.

Notes:

- Your service provider may retain your phone's security code for customer service purposes. In this case, you will not be able to use phone features that require you to enter the security code (such as master clear, master reset, and the unlock code bypass feature).
- If the only password you can change is the unlock code, the **New Passwords** menu is unavailable and the **Unlock Code** option appears on the **Phone Lock** menu. In this case, open the unlock code editor by selecting: M > **More** > **Settings** > **Security** > **Phone Lock** > **Unlock Code**.



To change a code or password:

Find the Feature M > **More** > **Settings** > **Security** > **New Passwords**

Press		To
1		scroll to the code or password you want to change
2	**CHANGE** (⊙)	select the code or password

Press		To
3	keypad keys	enter your old code If you do not know your code, see page 120.
4	**OK** (⊙)	submit your old code
5	keypad keys	enter the new code
6	**OK** (⊙)	assign the new code
7	keypad keys	re-enter the new code
8	**OK** (⊙)	confirm the new code

If You Forget a Code or Password

If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following when you see the **Enter Unlock Code** message:

Press		To
1	⊡	go to the unlock code bypass screen
2	keypad keys	enter your security code
3	**OK** (⊙)	submit your security code

Locking and Unlocking the Keypad

You can lock your phone keypad to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

Press	To
M *	lock or unlock your keypad

Select M > **More** > **Settings** > **Security** > **Lock Keypad** to view instructions on how to lock/unlock the keypad.

Note: Incoming calls and messages unlock the keypad.

Protecting the SIM Card

Your PIN (Personal Identication Number) code protects the information stored on your SIM card. When the SIM PIN feature is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card. Your SIM card PIN code is given to you by your service provider.

Find the Feature M > **More** > **Settings** > **Security** > **SIM PIN**

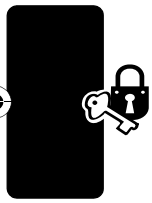
Press		To
1		scroll to **On** or **Off**
2	**SELECT** ( )	switch protection on or off
3	keypad keys	enter your SIM card PIN code
4	**OK** ( )	submit your code

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

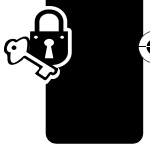
Press		To
1	# # 0 + 5 jkl *	open the PIN unblocking editor
2	keypad keys	enter the PUK code
3	**OK** ( )	submit the PUK code
4	keypad keys	enter a new SIM card PIN code **Note:** The SIM PIN code must be between four and eight digits in length.
5	**OK** ( )	assign the new SIM PIN code
6	keypad keys	re-enter the new SIM PIN code
7	**OK** ( )	confirm the new SIM PIN code and unblock the SIM card



Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code three times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM Blocked** when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

Press		To
1	# # 0 + 5 jkl *	open the PIN2 unblocking editor
2	keypad keys	enter the PUK2 code
3	**OK** (•)	submit the PUK2 code
4	keypad keys	enter a new SIM card PIN2 code **Note:** The SIM PIN2 code must be between four and eight digits in length.
5	**OK** (•)	assign the new SIM PIN2 code
6	keypad keys	re-enter the new SIM PIN2 code
7	**OK** (•)	confirm the new SIM PIN2 code and unblock PIN2 features



Personal Organizer Features

Datebook

The datebook is a calendar that lets you schedule and organize events such as appointments and meetings. You can review your schedule of events for the week or by the day, and have the datebook play a reminder alarm for specific events.

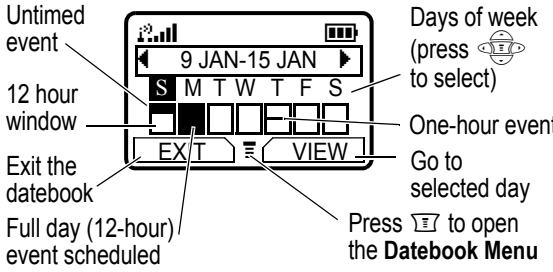
Note: You must set the phone's correct time and date in order to use the datebook (see page 46).

To schedule or review events in the datebook:

Find the Feature **> Office Tools > Datebook**

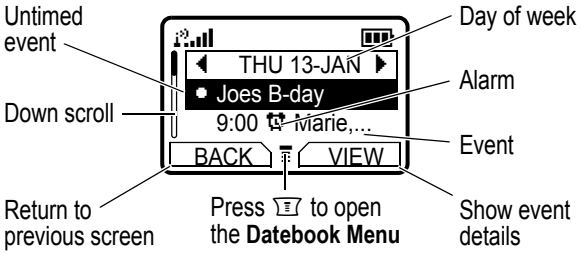
Viewing by the Week

When you open the datebook, your phone displays a calendar for the week. Lines or filled boxes under each day indicate scheduled events.



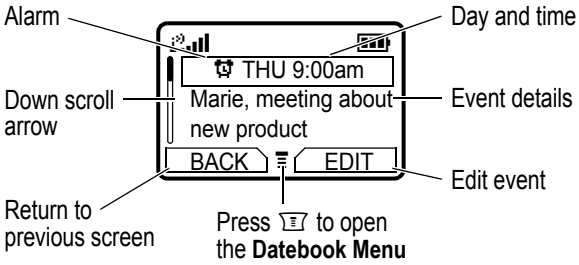
Viewing by the Day

Select a day in the week view and press **VIEW** ( ) to see the day's events. You can store, edit, view, copy, and delete any event from the day view.



Viewing by the Event

Select an event in the day view and press **VIEW** (⊙) to open the detailed event view. You can edit, copy, and delete events from the event view.



Storing a New Event

A title is required for a datebook event. All other information is optional.

Find the Feature ☰ **> Office Tools > Datebook >** *day*
☰ **> New**

Press		To
1	**CHANGE** (⊙)	select **Title**
2	keypad keys	enter a title for the event (see page 36)
3	**OK** (⊙)	store the event title

Press		To
4		scroll to other fields and enter information as necessary Other fields let you enter start time, duration, date, repeating events, and reminder alarm.
5	**DONE** (⊙)	store the new event and return to the day view

Changing Event Information

To change information about an existing event:

Find the Feature **> Office Tools > Datebook**

Press		To
1		scroll to the scheduled event day
2	**VIEW** (⊙)	display the day view
3		scroll to the event to change
4	**VIEW** (⊙)	display the event view
5	**EDIT** (⊙)	edit the event
6		scroll to the detail to change
7	**CHANGE** (⊙)	edit the information
8	keypad keys	enter the new information
9	**DONE** (⊙)	store the information and return to the day view

Copying an Event

To copy information from a current event to a new event:

Find the Feature **> Office Tools > Datebook**

Press		To
1		scroll to the scheduled event day
2	**VIEW** ( )	display the day view
3		scroll to the event to copy
4		open the **Datebook Menu**
5		scroll to **Copy**
6	**SELECT** ( )	copy the event
7	**YES** ( )	confirm the copy Your phone assumes that you want to change the date, and displays the **Date** field.
8	keypad keys	enter the date information
9 10	▶ ( )	move to the day, month, and year
11	**DONE** ( )	save the copy of the event
12		scroll to event details and edit the information as necessary
13	**DONE** ( )	store the new event and return to the day view

Deleting an Event

Find the Feature **> Office Tools > Datebook**

Press		To
1		scroll to the scheduled event day
2	**VIEW** ( )	display the day view
3		scroll to the event to delete
4		open the **Datebook Menu**
5		scroll to **Delete**
6	**SELECT** ( )	select **Delete** For non-repeating events, the procedure is complete. For repeating events, the phone displays a delete event menu:
	a	scroll to **This Event Only** or **Repeat Events**
	b **SELECT** ( )	select the event(s) to delete

Alarm Reminders

Reminders are alerts that ring or vibrate to notify you about a voicemail or text message you have received, or a

datebook event you have scheduled. To set or turn off reminders:

Find the Feature M > **Ring Styles** > *Alert* **Detail** > **Reminders**

Press	To
1	scroll to the reminder alert you want: **Beep**, **Vibrate**, or **Off** **Beep** or **Vibrate** sets the corresponding reminder alert type. **Off** turns off all reminders.
2 **SELECT** (-)	select the reminder alert

Calculator

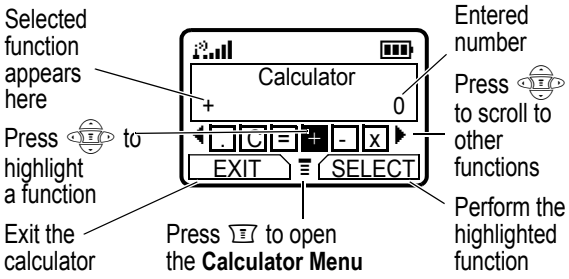
You can use your phone as a convenient calculator and currency converter.

Calculating Numbers

Find the Feature M > **Office Tools** > **Calculator**

Press	To
1 number keys	enter a number in the calculator
2 (left or right)	highlight a calculator function

Press	To
3 SELECT ( )	perform the highlighted function



The calculator can perform the following functions:

Function	Description
.	Insert a decimal point
C	Clear the calculation
CE	Clear entry (replaces the **C** function when you enter more values in a calculation)
+	Add
-	Subtract
x	Multiply
÷	Divide
%	Divide the displayed value by 100
$	Calculate the exchange rate
+-	Change the entry's sign (positive/ negative)

Function	Description
MR	Recall the value stored in memory
MS	Store the displayed number in memory
MC	Clear memory

Converting Currency

The currency converter works just like the calculator, using the **$** (currency) function and the exchange rate you set:

Find the Feature **M** > **Office Tools** > **Calculator**
M > **Exchange Rate**

Press	To
1 number keys	enter the exchange rate
2 **OK** (⊙)	store the exchange rate
3 number keys	enter the amount to convert (amount to multiply by the exchange rate)
4 ⊙ (left or right)	highlight the **$** function
5 **SELECT** (⊙)	perform the conversion

C350.RG.book Page 133 Thursday, February 6, 2003 2:12 PM

News and Entertainment

Mobile Internet

The Web micro-browser lets you access Web pages and Web-based applications (such as on-line banking, shopping, and games) on your phone. Contact your service provider to set up access, if necessary.

Note: Your phone may use a high-speed GPRS (General Packet Radio Service) network connection. This type of connection can be identified by a GPRS indicator ( ) in the idle display that disappears when you start a micro-browser session. If a (connected call) indicator is displayed when you start a micro-browser session, your phone is using a standard voice channel connection. Your network connection charges may vary depending on the type of connection used.

Setting Up Your Phone for Mobile Internet Access

Note: Your service provider may have set up your phone for Internet access.

You can adjust the mobile Internet network connection settings, or create a new network connection profile:

Find the Feature **> More > Web Sessions > [New Entry]**

Starting a Mobile Internet Session

To open the Web micro-browser:

Find the Feature **M** > **Browser**

The micro-browser displays the home page set up by your service provider.

Press	To
1	scroll to a bookmark or service, or application
2 **SELECT** (⊙)	select the service

Shortcut: If you open a text message with a Web address (URL) in it, you can press **M** > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

You can perform the following operations on a Web page:

Do This	To
Press up or down	scroll through a page
Press left or right	go back to the previous page or forward to the next one
Press **M**	open the **Browser Menu**

Downloading Pictures and Sounds

You can download a file such as a ring tone, wallpaper, screensaver, MotoMixer file, or theme to your phone. To download files with the browser on a desktop computer or your phone:

Do This	
1	In the browser, go to the Web site and find the file you want.
2	Follow the directions on the site to purchase the file (payment details vary). The site sends a text message to your phone, containing the attached file or a URL link to the file.
3	Open the message and store the file (see page 80).

Notes:

- Call charges apply during download sessions.
- When your phone runs out of memory for downloaded files, new files overwrite the old ones. Downloaded files share your phone's memory, so you can make room for a picture, for example, by deleting ring tones.

Phone Themes

A *phone theme* consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring

tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Downloading Themes

To download a theme from the browser, see page 135. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply theme now?**

Selecting Themes

You can apply any of the themes installed on your phone.

Note: If one of a theme's components is not available, then a default setting is applied.

Find the Feature **M > Media Center > Theme**

Press	To
1	scroll to the theme that you would like to apply
2 **SELECT** (⊙)	select the theme

Deleting Themes

You cannot delete the preloaded themes on your phone. To delete one or all of the themes that you have downloaded and installed:

Find the Feature **M > Media Center > Theme**

Press		To
1		scroll to the theme to delete
2	**SELECT** ( )	select the theme
3		enter the **Theme** submenu
4		scroll to **Delete** or **Delete All**
5	**SELECT** ( )	select the option

Picture Viewer

Your phone contains pictures and animations that you can insert into text messages, and use as wallpaper and screen saver images.

To download pictures or animations, see page 135. Your phone may also include predefined images that are identified. You cannot rename, delete, or view details about predefined images.

Find the Feature > **Media Center** > **Picture Viewer**

Press		To
1		scroll to the picture
2	**SELECT** ( )	view the picture

Press	To
3 up or down	view the previous/next picture
or	
DETAILS ( )	view picture information
or	
	open the **Picture Viewer** menu to perform other procedures as described in the following list

The **Picture Viewer** menu can include the following options:

Option	Description
Details	View picture information.
Set as Wallpaper	Set the picture as your phone's wallpaper image.
Set as Screen Saver	Set the picture as your phone's screen saver image.
Rename	Rename the picture.
Delete	Delete the picture.

Games

Your phone comes with three games. If you get an incoming call, message, alarm, or alert while playing a game, the game pauses.

In some cases, when the game is over, you may have the option to purchase more advanced game levels.

Selecting and Starting a New Game

Find the Feature **>** **Games** > *the game*

When the game is over, you can play again or return to the games menu. Depending on the game:

Press	To
BACK ( ) **or** **NO** ( )	return to the games menu
NEW ( ) **or** **YES** ( )	start another session of the game you just played

Ending a Game

You can end a game at any time.

Press	To
BACK ( ) **or**	end the game session and return to the games menu

Playing a Game

Astrosmash

In Astrosmash, your job as Commander is to repel an attack of meteors and spinning bombs. You try to shoot as

many meteors, bombs, missiles, and flying saucers as possible without getting hit.

Item	Points	Item	Points
Big Rock	10	Guided Missile	50
Small Rock	20	Small Spinner	80
Big Spinner	40	UFO	100

Rules of the game

- Guided Missiles move toward the Laser Gun.
- UFOs appear when the score is greater than or equal to 5,000. UFOs sweep across the screen and release bombs at the Laser Gun. The bombs cannot be destroyed
- When you shoot a Big Rock, it breaks into 2 Small Rocks.
- When you are out of Laser Guns, the game is over. You lose a Laser Gun if a spinner (both big and small) hits the ground, or if a rock, rock pieces, or a guided missile collides with a Laser Gun.
- Every time the peak score goes up by another 1,000 points, you get another Laser Gun.

How to Play

Press	To
	move the Laser Gun
8 TUV	move the Laser Gun to a random position

Press	To
2 ABC	toggle control for firing between you and the phone (Auto-Fire)
5 JKL	fire the Laser Gun, if Auto-Fire is off

MotoGP

In this game, you are a MotoGP motorcycle racer. Before the game begins, you have the option to select a rider, a team, and a track.

How to Play

Press	To
	accelerate, brake, and turn your motorcycle

Snood 21

In this solitaire game, you try to use all the cards in a deck by making combinations of 21 on any of four columns. When a combination of 21 is created, the cards are discarded, letting you start another combination of 21.

If you finish the first level in one minute, you can move on to the next level.

Rules of the game

- Aces are worth either 1 or 11, Jacks, Queens, and Kings are worth 10, and all other cards are worth the amount written on their faces.
- You can place a wild card in any non-frozen column for an automatic 21.

- When the countdown timer reaches 20 seconds, the word **HURRY** blinks twice in place of the cards left field. If the timer reaches zero and there is a card still on the deck, **OUT OF TIME** appears in place of the cards left field for 2 seconds and the game is over.
- The number of cards in a deck depends on the current level: the first level contains 32 cards (two complete suits plus six wild cards), the second level contains 45 cards (three complete suits plus six wild cards), the third and fourth levels contain 58 cards (all four complete suits plus six wild cards)
- When there are no more cards in the deck, you score 200 times the number of cards left in all the columns.
- Every time you place a card, you score 50 points.
- Whenever the total of all the cards placed on a column is equal to 21, you score 100 times the column's position (21 on the first column scores 100 points, while 21 on the third column scores 300). 5 cards totalling less than 21 in a column is treated as 21.
- If the value of the cards in a column is greater than 21, the column is frozen and marked with an **X** (the column's total displays **BUST**).
- If all the columns become frozen, **NO MORE MOVES** appears in place of the cards left field for 2 seconds, and the game is over.

How to Play

Press	To
1	place a card on the first column
2 ABC	place a card on the second column
3 DEF	place a card on the third column
4 GHI	place a card on the fourth column

MotoMixer Sound Editor

The MotoMixer lets you edit and save special MIDI-based sound files called *Groove Tunes* on your phone. These sound files are made up of four instrument parts such as *piano*, *bass*, *drums*, and *guitar*. The phone comes preloaded with five base tracks (which cannot be edited or deleted), but you can download others and use them all to create or edit your own MIDI files.

Create or Edit a Mix File

To create or edit a MotoMixer file:

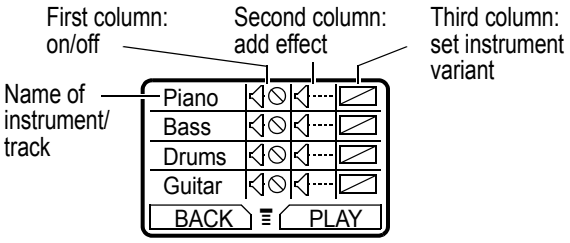
Find the Feature **> Media Center > MotoMixer > [New Mix]** or *a tune to edit*

Press	To
1	scroll to a track you want to include in the new mix
2 **SELECT** ( )	select the first base track
3 **CHANGE** ( )	select **Name**

Press		To
4	keypad keys	enter a name for the mix file you are creating (see page 36)
5	**OK** (⊙)	store the name
6	**CHANGE** (⊙)	select **Tempo**
7	⊙ left or right	adjust the tempo setting
8	**OK** (⊙)	store the tempo setting
9	**CHANGE** (⊙)	select **Mix** and open the base track editor
10	**PLAY** (⊙)	start playing/mixing the track
11	keypad keys	edit the base tracks (see following section)
12	**STOP** (⊙)	stop playing/mixing the track
13	**BACK** (⊙)	close the base track editor
14	**DONE** (⊙)	close the mix file display

Base Track Editing Display and Keys

You can select the instruments you want to play and when you want to play them.



Press **PLAY** (⊙) to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys.

Key	Effect
1	Turn first track (**Piano** in example) on/off
2 ABC	Add effect to first track
3 DEF	Set instrument variant for first track
4 GHI	Turn second track (**Bass** in example) on/off
5 JKL	Add effect to second track
6 MNO	Set instrument variant for second track
7 PQRS	Turn third track (**Drums** in example) on/off
8 TUV	Add effect to third track
9 WXYZ	Set instrument variant for third track
*	Turn fourth track (**Guitar** in example) on/off
0 +	Add effect to fourth track
#	Set instrument variant for fourth track

The track plays one time and then stops. Press **PLAY** (⊙) again to continue mixing the track. Use the following keys to perform additional mix functions:

☰	Open a sub-menu to reset one or all tracks
BACK (⊙)	Return to the **Mix Details** menu when you are finished mixing the track

Note: To download new MotoMixer files, see page 135.

Use, Edit, or Delete a Mix File

To edit or delete a mix file, or set a mix file as a ring tone:

Find the Feature **M > Media Center > MotoMixer**

Press	To
1	scroll to the file you want
2 M	open the mix menu
3	scroll to **Edit**, **Delete**, **Play**, or **Set as Ring Tone**
4 **SELECT** (⊙)	select the option

Creating Alert Tones

You can create and store custom ring tones on your phone. The ring tones appear in the list of available alerts (see page 47).

Create a Tone

Find the Feature **M > Media Center > My Tones > [New Tone]**

Press	To
1 **CHANGE** (⊙)	select **Notes**
2 keypad keys	enter notes (see following section)
3 **OK** (⊙)	store the notes
4 **CHANGE** (⊙)	select **Name**

Press		To
5	keypad keys	enter the name for the tone
6	**OK** ( )	store the name
7	**DONE** ( )	store the tone

Enter Notes

To create a new ring tone, use the keypad keys to enter notes. For each note, you must specify the octave (optional), pitch, length, and a length modifier (optional). Press a key multiple times to cycle through its available options. Enter the necessary character as described in the following lists.

Octave

The default setting for a new tone is octave four.

Key	Display	Description
0 +	*	enter * followed by a number (**0** to **8**) to set the octave

Notes and Rests

Key	Display	Description
0 +	#	sharp
	&	flat
2 ABC	a	note A
	b	note B
	c	note C

Key	Display	Description
3 DEF	**d**	note D
	e	note E
	f	note F
4 GHI	**g**	note G
7 PQRS	**r**	rest

Lengths and Modifiers

Key	Display	Description
0 +	**0**	whole note
1 .@	**1**	half note
2 ABC	**2**	quarter note
3 DEF	**3**	eighth note
4 GHI	**4**	sixteenth note
5 JKL	**5**	1/32 note
1 .@	**.**	dotted note
	:	double dotted note
	;	2/3 length note

Note Entry Sequence

Do This	Action
1 Set the octave (optional)	Set the octave (***0** to ***8**) *before* selecting the note. The octave applies to the note and all following notes until you change it again.

Do This		Action
2	Set the note to a sharp or flat, if necessary	Enter a sharp or flat (**#** or **&**) *before* selecting the note.
3	Select the note (required)	Press a keypad key.
4	Set length (required)	Set the length (**0** to **5**) *after* selecting the note. If you do not specify a length, a **2** (quarter note) length is appended to the note.
5	Modify length (optional)	Enter a length modifier (**.** , **:**, or **;**) *after* you set the length.

You can perform the following tasks when creating a tone:

Task	Action
Insert a rest	Enter one or more rests (**r** characters) as needed in the tone sequence. Set the length of the rest (**0** to **5**) *after* the rest, just as you would for a note.
Listen to a new tone as you compose it	Press ⓜ to enter the **Compose Menu**, and select **Play All** to play the notes you have entered.

Example

Press the following keys to create this sequence of notes and rests in octave three: **C** (quarter note), **E flat** (quarter note), **half rest**, and **G** (whole note):

Press		To	Display
1	0 + 0 + 3 DEF 3 DEF 3 DEF 3 DEF	set octave three	*3
2	2 ABC 2 ABC 2 ABC	enter note **C**	c
3	2 ABC 2 ABC 2 ABC 2 ABC	set length to quarter note	2
4	0 + 0 + 0 + 0 +	enter flat symbol	&
5	3 DEF 3 DEF	enter note **E flat**	e
6	2 ABC 2 ABC 2 ABC 2 ABC	set length to quarter note	2
7	7 PQRS	enter **rest**	r
8	1 .@	set length to half rest	1
9	4 GHI	enter note **G**	g
10	0 +	set length to whole note	0

Play a Tone

Find the Feature **> Media Center > My Tones**

Press		To
1		scroll to the tone
2		open the **Tone Menu**
3		scroll to **Play**
4	**SELECT** ( )	select **Play**
5	**PLAY** ( )	play the tone again
	or	
	CANCEL ( )	return to the my tones list

Edit a Tone

You cannot edit the predefined ring tones included with your phone. To edit a custom ring tone:

Find the Feature **> Media Center > My Tones**

Press		To
1		scroll to the tone
2	**EDIT** ( )	open the tone details
3		scroll to the details you want to edit (**Name** or **Notes**)
4	**CHANGE** ( )	select the item
5	keypad keys	enter new text or notes
6	**OK** ( )	store the new text or notes
7	**DONE** ( )	save your changes

Delete a Tone

You cannot delete the predefined ring tones included with your phone. To delete a custom ring tone:

Find the Feature **M > Media Center > My Tones**

Press	To
1	scroll to the tone
2	open the **Tone Menu**
3	scroll to **Delete**
4 **SELECT** (⊙)	select **Delete**

SIM Applications

You can access information and applications stored on your SIM card.

To access the available applications:

Find the Feature **M > More > SIM Applications**

Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more information.

Troubleshooting

Check these questions first if you have problems with your phone:

Question	Answer
Is your battery charged? Do you see ▭ in the display?	The battery level indicator should have at least one segment showing (▭). If it does not, recharge your battery. (See page 18 and page 19.)
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. (See page 20).
Does the handset have a signal? Do you see ⁞ in the display?	The signal strength indicator should have at least one segment showing (⁞). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press ◁▷ to the right to raise the earpiece volume.
Is the other party unable to hear you?	Your phone may be muted. Press **UNMUTE** (▽) if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Question	Answer
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See page 120.
I pressed the End/Power key, but nothing happened.	Be sure to press and hold (the End/Power key) until the display appears and you hear an audible alert (this could take a couple of seconds). If nothing happens, check that the battery is charged. (See page 18.)
I pressed keys, but the display has stopped responding.	You might need to reset your phone. See page 25.

Problem	Solution
The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. See page 20. **Note:** Be sure to turn your phone off and then back on after you re-insert the SIM card. Also, you may have an older SIM card that is not compatible with your service provider. Call your service provider for more information.
The display says: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See page 121.
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last four digits of your phone number. (See page 117.) If this fails, call your service provider (the company that sends you your monthly wireless service bill).

Problem	Solution
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you own the phone but do not know the unlock code, see page 120.
My phone does not ring.	If you see or in the display, then the ring tone is turned off. See page 47. Also, the ring tone may be set to **Silent** even though your phone is set to a ring alert profile. Be sure to listen to your ring tone before setting it to make sure it is effective in the environment where you use your phone.
My phone rings even though I selected the Silent (or Vibrate) alert profile.	The ring tone may be set to play a tone even though your phone is set to a silent alert profile. See page 48.
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Problem	Solution
I cannot make/ answer calls.	Make sure that you have a phone signal (see page 31). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. Your phone also may have the **Call Barring** feature turned on. If you know the unlock code, you can change this setting in the security menu (☰ > **More** > **Settings** > **Security**). Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure you have a phone signal (see page 31). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press the volume key on the left side of your phone. Your phone display should show the volume increasing. Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my inbox.	Before you can use text or information services messages, you must set up the appropriate inbox. See page 73.

Problem	Solution
How do I see the calls I sent or received?	To see the most recent calls you dialed or received, open the "Recent Calls" lists: M > **Recent Calls** > **Received Calls** or **Dialed Calls**
My phone will not dial voicemail commands, passwords, or other codes.	Your phone sends commands and passwords as DTMF tones. You can set your phone's DTMF tones to be **Long**, **Short**, or **Off**. If you have trouble sending numbers, check your DTMF setting. From the idle display, press: M > **More** > **Settings** > **Other Settings** > **Initial Setup** > **DTMF** Press the navigation key to scroll to **Long** or **Short**. Press **SELECT** (s) to select it.
My phone's display is too light.	You can change the level of contrast in your phone display. See page 49. You can also change the backlight settings. See page 49.

Problem	Solution
What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, and other factors. For tips on extending your battery life, see page 19.
I can't find a file I downloaded.	You may have deleted the file to make room for a new one. See page 135.
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer. Finally, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, and your computer will automatically activate the port.

Problem	Solution
My phone beeped when I attached the data cable, but my fax and data applications don't work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case. Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard CSD (Circuit Switch Data) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps. A GPRS connection may have a higher data transfer rate.
I can't end my data call by closing the application on my computer. What can I do?	Try pressing on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.

Problem	Solution
I launched the micro-browser but the display says: **Service Not Available.**	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: **Data Server Unavailable.**	Try again in a few minutes. The servers may be temporarily busy.

Specific Absorption Rate Data

This model phone meets the government's requirements for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.[1] Tests for SAR are conducted in accordance with CENELEC[2] testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is 0.9 W/kg.[3]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this

product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

1. The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
2. CENELEC is a European Union standards body.
3. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

C350.RG.book Page 164 Thursday, February 6, 2003 2:12 PM

Index

A

accessories
  connector ports 1
  optional 16, 51, 112
  standard 16
Add Digits feature 59
alert
  creating 146
  defined 47
  indicators 32, 47
  reminders 129
  type, selecting 48–49
alert profile 48–49
animation 50, 135
  managing 137–138
  screen saver 138
  wallpaper 104, 138
appointments. *See* datebook
Astrosmash 139
Attach Number feature 59, 61

B

backlight 49
barring calls 71
battery
  charging 18
  extending battery life 19, 49, 50, 159
  installing 16
  level indicator 19, 31, 32
block cursor, defined 36
browse text mode 37
browser. *See* micro-browser

C

calculator 130–132
calendar. *See* datebook
call
  adding digits after phone number 59
  alert profile, setting 48
  alert type, selecting 48–49
  alert, creating 146
  answering 28
  barring 71
  call waiting 65–66
  canceling 55
  costs 110
  deleting 57
  dialed calls list 57
  dialing 27–28
  dialing a recent call 57
  emergency number 55–56
  ending 28
  hold 72
  ignoring 55

making 27–28
placing 27–28
prefix digits, inserting 61
received calls list 57
receiving 28
recent calls 57
storing 57
terminating 55
timing 108, 108–109
transferring 69–70
unanswered call 59–60
call barring 71
call cost information 110
call forwarding 66–68
call timers 108, 108–109
call waiting 65
caller ID
incoming calls 54
outgoing calls 59
calling line identification. *See* caller ID
car kit
automatic answer 52
automatic hands-free 52
chat 80–84
clock 31
codes. *See* passwords
color, display 49
computer
connecting to phone 113
conference call 68–69
contrast, display 49
cost trackers 110
credit information 111
currency converter 132
cursor 36
customer service, calling 64

D

data call
connecting to external device 113
receiving 114–115
sending 114
date, setting 46
datebook
adding an event 126–127
alarm 127
calendar 125
changing event information 127
copying an event 128
day view 125
deleting an event 129
event view 126
reminders 127, 129
week view 125
Datebook Menu 125, 126
default passwords 118
deleting a call 57
dialed calls list 57
dialing
service numbers 107
dialing a number 27–28

display
  animation 50
  backlight 49
  color 49
  contrast 49
  described 30
  frozen 25
  greeting 46
  idle display 30
  illustration 31
  language 100
  resetting 25
download
  animation 80, 135
  ring tone 80, 135
  screen saver 80, 135
  theme 135
DTMF tones 58, 108, 158

E

earpiece
  illustration 1
  volume, adjusting 27
emergency number 55–56
end key
  functions 1, 28, 33
ending a call 28
Enter Unlock Code message 118, 120
Entry Method menu 42
event alert 48–49
exchange rate, calculating 132
external device
  connecting to phone 113

F

factory settings, resetting 51
fax call
  connecting to external device 112
  receiving 114
  sending 114
fixed dial
  defined 106
  dialing numbers 106
  editing an entry 92, 106
  storing an entry 86–90
flashing cursor, defined 36
forwarding calls 66–68
frequency, changing 116

G

games 138–143
GPRS indicator 31
  displayed 133
GPRS, defined 133
greeting, display 46

H

hands-free mode
  automatic answer 52

automatic call routing 52
defined 51
headset
automatic answer 52
Hide ID feature 59
hold a call 72

I

icon ID 89
icon ID, setting 89
idle display, defined 30
ignoring a call 55
inbox, text message 73–75
incoming call
canceling 55
ignoring 55
terminating 55
Incoming Call message 54
indicators
alert setting 32, 47
battery level 19, 31, 32
GPRS 31, 133
menu 30, 31, 32
message 32
message waiting 31, 77, 78
missed call 59
ring alert 32, 47
roam 31, 32
signal strength 31
silent alert 32, 47
text entry 32
transmit 31
vibrate alert 32, 47
voice name 85
iTAP™ software
activating 42
described 42
entering words 43

K

key
end 1, 28, 33
left soft key 1, 33, 99–100
lock 121
menu 1, 33, 53
navigation 1
right soft key 1, 33, 99–100
send 1, 28, 57
voice 91
volume control 27
keypad
locking and unlocking 121
volume, setting 48

L

language, setting 100
Last Calls Menu
opening 58
options 59
left soft key
customizing 99–100
functions 1, 33

lock
keypad 121
phone 117–118
SIM card 121
loud ring alert 32, 47

M

making a call 27–28
master clear 51
master reset 51
Memory is Full! message 81
menu
Browser Menu 134
Datebook Menu 125, 126
entering text 35–36, 46
Entry Method menu 42
features 106
language, setting 100
Last Calls Menu 58
lists 34–35
MyMenu 101
navigating 34
Phonebook Menu 85
scroll feature 50
Text Msg Menu 79–80
using features 35–36
menu indicator
defined 30, 32
illustration 31
menu key 1, 33, 53
message
chat 80–84
deleting, text 78–80
dialing number from 107–108
inbox setup 73–75
locking, text 78–80
outbox 77
reading, text 78–80
receiving, text 77
reminders, receiving 78
reminders, text message 129–130
reminders, voicemail 62, 129–130
sending 75
status 77
voicemail 61–63
message indicator
defined 32
message waiting indicator
displayed 77
flashing 78
illustration 31
micro-browser
animation 135
Browser Menu 134
defined 133
functions 134
go back to previous page 134
picture 135
sound 135
starting 134

microphone 1
missed call indicator 59
Missed Calls message 60
moto GP 141
My Menu
  creating 101
  using 102
my telephone number 29, 53
my tones 146

N

navigation keys 1
network settings 116
notepad
  defined 60
  entering digits 60
number
  viewing your number 29
number, viewing your own 53
numeric text mode 37

O

1-touch dial
  defined 64
  setting preference 64
  using 64
optional accessory, defined 16
optional feature, defined 16
outbox 77

P

passwords
  changing 118
  default 118
  if you forget a password 120
phone
  accessories, optional 16
  accessories, standard 16
  connecting to external device 113
  credit available 111
  date, setting 46
  erase user-entered information 51
  frequency, changing 116
  keypad, locking and unlocking 121
  language, setting 100
  locking 117–118
  network settings 116
  1-touch dial 64
  passwords 118, 120
  reset all options 51
  security code 120
  speed dial, using 63
  startup greeting 46
  text entry indicator 32
  time, setting 46
  unlock code 120
  unlocking 26, 117–118
phone number

adding digits after 59
attaching to prefix digits 61
attaching two numbers 59
redialing 54
sending text message to 75
storing in phonebook 86–90
viewing your number 29
viewing your own 53
phonebook
attaching two numbers 59
capacity, checking 97
copying entries 93–97
deleting an entry 92
dialing a number 91
editing an entry 92
entry name 85
fields 85
icon ID 89
number type indicator 85
1-touch dial 64
phone number 85
prefix digits, inserting 61
ringer ID 89, 100
sorting entries 93
speed dial number 63, 88
speed dial, using 63
storing an entry 86–90
voice name entry 90–91
voice name indicator 85
Phonebook Menu 85
picture
managing 137–138
screen saver 138
storing 135
wallpaper 104, 138
PIN code
activating/deactivating 121
defined 121
protecting the SIM card 121
unblocking 122
PIN2 code 106
unblocking 123
predictive text entry
activating 42
entering words 43
profile
customizing 48–49
setting 48
PUK code 122
PUK2 code 123

Q

quick dial 64

R

received calls list 57
receiving a call 28
recent calls 57
redial

busy number 54
reminders
chat message 83
datebook 127
setting 129
text message 78, 129–130
voicemail message 62, 129–130
reordering the main menu 98
reordering the Message Center menu 99
resetting display 25
right soft key
customizing 99–100
functions 1, 33
ring alert
creating 146
indicators 32, 47
setting 48
type, selecting 48–49
volume, adjusting 27, 48
ring and vibrate alert
indicator 32, 47
ringer ID
listed in phonebook entry 86
setting 89
turning on/off 100
roam indicator
defined 32
illustration 31

S

screen saver 138
scroll feature 50
security code 120
send key 1, 28, 57
sending a call. *See* making a call
service dial 107
short message service. *See* text message
shortcuts 101
Show ID feature 59
signal strength indicator
defined 31
illustration 31
silent alert indicator 32, 47
SIM applications 152
SIM Blocked message 26, 122, 123
SIM card
applications 152
defined 20
precautions 20
protecting 121
service phone numbers 107
SIM Blocked message 26, 122, 123
SIM Disabled message 122
unblocking 122

SIM Disabled message 122
SIM PIN code
  activating/deactivating 121
  protecting the SIM card 121
  unblocking 122
SIM PIN2 code 106
  unblocking 123
SMS. *See* text message
snood 21 141
soft keys
  customizing 99–100
  illustration 1, 33
soft ring alert 32, 47
sound
  storing 135
speed dial
  changing number 88
  number, defined 63
  sorting phonebook entries by 93
  using 63
storing a call 57
symbol text mode 41–42
symbols, entering 41–42

T

Talk and Fax call 115
tap method text entry 37
telephone number
  viewing your number 29
telephone number, viewing your own 53
text
  block cursor 36
  browse mode 37
  character chart 38
  entering from keypad 36, 46
  entry mode, changing 37
  flashing cursor 36
  numeric mode 37
  symbol chart 42
  symbol mode 41–42
  tap method 37
text entry indicator
  defined 32
text message
  deleting 78–80
  dialing number from 107–108
  inbox setup 73–75
  locking 78–80
  reading 78–80
  receiving 77
  reminders 78, 129–130
  sending 75
  status 77
text mode, changing 37
themes 135
time, setting 46
timers 108, 108–109
transfer a call 69–70

transmit indicator
  defined 31
travel charger, using 18

U

unblocking the SIM card 122
unlock
  keypad 121
unlock code 117–118, 120

V

vibrate alert
  indicator 32, 47
  setting 48
  type, selecting 48–49
voice dial
  dialing a number 92
  recording voice name
    90–91
voice name
  defined 90
  phonebook indicator 85
  recording 90–91
voicemail 61–63
volume
  earpiece 27
  keypad 48
  ring 27, 48

W

wallpaper 104, 138
Web pages 134

U.S. patent Re. 34,976